MEDICARE HOSPITAL MORTALITY INFORMATION

1987 • 1988 • 1989

Volume 10

Illinois

Region V

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Volume 10

ILLINOIS

Region V

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The Health Care Financing Administration (HCFA) was established in March 1977 to combine health financing and quality assurance programs into a single agency. HCFA is responsible for the Medicare program, Federal participation in the Medicaid program, the Peer Review Organization program, and a variety of other health care quality assurance programs.

The mission of the Health Care Financing Administration is to ensure the effective administration of our programs in order to promote the timely delivery of appropriate, quality health care to over 59 million of the nation's aged, disabled and poor. The agency must also ensure that beneficiaries are aware of the services for which they are eligible, that those services are accessible and of high quality, and that agency policies and actions promote efficiency and quality within the total health care delivery system.

FOREWORD

The nation's Medicare program, which is administered through the Health Care Financing Administration (HCFA) in the Department of Health and Human Services, has more than 33 million beneficiaries. One of HCFA's primary responsibilities is to ensure that Medicare beneficiaries receive quality health care. This fourth annual release of Medicare hospital mortality information is a key element in our efforts to improve the effectiveness of medical practice and the quality of care provided to Medicare beneficiaries.

This publication presents information to answer the question "What is the actual mortality rate within a certain period of time for each hospital compared to what rate would have been predicted, given what we know about the characteristics of the patients admitted?" We expect this information to be used by hospital administrators, physicians, peer review organizations, Medicare beneficiaries, State survey and certification agencies and researchers. The information in this release is not intended as a direct measure of quality of care. It is best used as a "screening tool"--that is, to identify potential problems for further review and, in consultation with medical staff, to evaluate a hospital's strengths and weaknesses. Thus, we believe that consumers can use this information to ask questions of their physicians, rather than reach judgments about the quality of care in a particular hospital.

The basic approach to analyzing hospital mortality information has remained unchanged for the past four years; however, since the last publication of mortality information in December 1989, we have made some significant changes both in our methodology and in the way we display the results of our analysis. This publication presents information for 30, 90, and 180 days post admission, as opposed to the single point of 30 days post admission used in all the previous publications. Also, we present values for an observed mortality rate, a predicted mortality rate and a standard deviation.

These refinements should make this information an even more valuable educational tool to help improve the quality of care in hospitals. The changes were reviewed and approved by a panel of outside experts. The methodology used in arriving at the observed mortality rate, the predicted mortality rate and the standard deviation are briefly described in the Technical Appendix at the end of this volume and in more detail in a Technical Information Supplement .

We acknowledge the assistance we have received from the American Hospital Association--not only for providing the information detailing selected hospital characteristics but also for alerting its members to the importance of this information. We are also grateful to the personnel in each hospital who took the time to thoroughly review the data and to provide us with comments and suggestions. As before, we have published the comments we received from individual hospitals, associating them with the summary data for the appropriate institution. Over the years, these communications have proved very helpful in improving and refining the information included in this publication.

Gail R. Wilensky

Gail R. Wilensky, Ph.D.
Administrator

TABLE OF CONTENTS

Page
INTRODUCTION vii

ILLINOIS

ABRAHAM LINCOLN MEMORIAL HOSPITAL 2
ALEXIAN BROTHERS MEDICAL CENTER 4
ALTON MEMORIAL HOSPITAL 6
AMERICAN INTERNATIONAL HOSPITAL 8
ANDERSON HOSPITAL 10
BELMONT COMMUNITY HOSPITAL 12
BETHANY HOSPITAL 14
BLESSING HOSPITAL 16
BROMENN HEALTHCARE 18
CARLE FOUNDATION HOSPITAL 20
CARLE PAVILION INC 22
CARLINVILLE AREA HOSPITAL 24
CARMI TOWNSHIP HOSPITAL 26
CENTRAL COMMUNITY HOSPITAL 28
CENTRAL COMMUNITY HOSPITAL 30
CENTRAL DUPAGE HOSPITAL 32
CENTREVILLE TOWNSHIP HOSPITAL 34
CGH MEDICAL CENTER 36
CHICAGO OSTEOPATHIC MEDICAL CENTER 38
CHRIST HOSPITAL 40
CLAY COUNTY HOSPITAL 42
COLUMBUS HOSPITAL 44
COMMUNITY HOSPITAL OF OTTAWA 46
COMMUNITY MEMORIAL HOSPITAL 48
COMMUNITY MEMORIAL HOSPITAL 50
CONDELL MEMORIAL HOSPITAL 52
COOK COUNTY HOSPITAL 54
COPLEY MEMORIAL HOSPITAL 56
COVENANT MEDICAL CENTER-CHAMPAIGN 58
COVENANT MEDICAL CENTER-URBANA 60
CRAWFORD MEMORIAL HOSPITAL 62
CROSSROADS COMMUNITY HOSPITAL 64
DECATUR MEMORIAL HOSPITAL 66
DELNOR COMMUNITY HOSPITAL 68
DELNOR COMMUNITY HOSPITAL-ST CHARLES 70
DOCTORS HOSPITAL 72
DOUGLAS COUNTY-JARMAN MEMORIAL HOSPITAL 74
DR JOHN WARNER HOSPITAL 76
EDGEWATER MEDICAL CENTER 78
EDWARD A UTLAUT MEMORIAL HOSPITAL 80
EDWARD HOSPITAL 82
ELMHURST MEMORIAL HOSPITAL 84
EUREKA HOSPITAL 86

Page
EVANSTON HOSPITAL 88
FAIRBURY HOSPITAL 90
FAIRFIELD MEMORIAL HOSPITAL 92
FAYETTE COUNTY HOSPITAL 94
FERRELL HOSPITAL INC 96
FOSTER G MCGAW HOSPITAL 98
FRANCISCAN MEDICAL CENTER 100
FRANKLIN HOSPITAL 102
FREEPORT MEMORIAL HOSPITAL 104
GALENA-STAUSS HOSPITAL 106
GALESBURG COTTAGE HOSPITAL 108
GATEWAY COMMUNITY HOSPITAL 110
GIBSON COMMUNITY HOSPITAL 112
GLENOAKS MEDICAL CENTER INC 114
GOOD SAMARITAN HOSPITAL 116
GOOD SAMARITAN REGIONAL HEALTH CENTER 118
GOOD SHEPHERD HOSPITAL 120
GOTTLIEB MEMORIAL HOSPITAL 122
GRAHAM HOSPITAL ASSOCIATION 124
GRANT HOSPITAL OF CHICAGO 126
HAMILTON MEMORIAL HOSPITAL 128
HAMMOND-HENRY HOSPITAL 130
HARDIN COUNTY GENERAL HOSPITAL 132
HARRISBURG MEDICAL CENTER 134
HARVARD COMMUNITY MEMORIAL HOSPITAL 136
HERRIN HOSPITAL 138
HIGHLAND HOSPITAL INC 140
HIGHLAND PARK HOSPITAL 142
HILLSBORO AREA HOSPITAL 144
HINSDALE HOSPITAL 146
HOLY CROSS HOSPITAL 148
HOLY FAMILY HOSPITAL 150
HOOPESTON COMMUNITY MEMORIAL HOSPITAL 152
HOPEDALE HOSPITAL 154
HUMANA HOSPITAL HOFFMAN ESTATES 156
HYDE PARK HOSPITAL 158
ILLINI COMMUNITY HOSPITAL 160
ILLINI HOSPITAL 162
ILLINOIS MASONIC MEDICAL CENTER 164
ILLINOIS VALLEY COMMUNITY HOSPITAL 166
ILLINOIS VETERANS HOME 168
INGALLS MEMORIAL HOSPITAL 170
IROQUOIS MEMORIAL HOSPITAL 172
JACKSON PARK HOSPITAL FOUNDATION 174
JERSEY COMMUNITY HOSPITAL DISTRICT 176
JOHN AND MARY KIRBY HOSPITAL 178
KATHERINE SHAW BETHEA HOSPITAL 180
KEWANEE PUBLIC HOSPITAL 182
KISHWAUKEE COMMUNITY HOSPITAL 184
LA GRANGE MEMORIAL HOSPITAL 186
LA HARPE HOSPITAL ASSOCIATION 188

Page
LAKE FOREST HOSPITAL 190
LAKESIDE COMMUNITY HOSPITAL 192
LAWRENCE COUNTY MEMORIAL HOSPITAL 194
LEYDEN COMMUNITY HOSPITAL 196
LINCOLN WEST HOSPITAL 198
LITTLE COMPANY OF MARY HOSPITAL 200
LORETTO HOSPITAL 202
LOUIS A WEISS MEMORIAL HOSPITAL 204
LUTHERAN GENERAL HOSPITAL 206
LUTHERAN GENERAL HOSPITAL-LINCOLN PARK 208
MAC NEAL MEMORIAL HOSPITAL 210
MARION MEMORIAL HOSPITAL 212
MARSHALL BROWNING HOSPITAL 214
MARTHA WASHINGTON HOSPITAL 216
MASON DISTRICT HOSPITAL 218
MASSAC MEMORIAL HOSPITAL 220
MC DONOUGH DISTRICT HOSPITAL 222
MEMORIAL HOSPITAL 224
MEMORIAL HOSPITAL 226
MEMORIAL HOSPITAL 228
MEMORIAL HOSPITAL 230
MEMORIAL HOSPITAL 232
MEMORIAL MEDICAL CENTER 234
MENDOTA COMMUNITY HOSPITAL 236
MENNONITE HOSPITAL 238
MERCER COUNTY HOSPITAL 240
MERCY CENTER FOR HEALTH CARE SERVICES 242
MERCY HOSPITAL AND MEDICAL CENTER 244
METHODIST HOSPITAL OF CHICAGO 246
METHODIST MEDICAL CENTER OF ILLINOIS 248
MICHAEL REESE HOSPITAL & MEDICAL CENTER 250
MOLINE PUBLIC HOSPITAL 252
MORRIS HOSPITAL 254
MORRISON COMMUNITY HOSPITAL 256
MT SINAI HOSPITAL - NORTH 258
MT SINAI HOSPITAL MEDICAL CENTER 260
NORTHERN ILLINOIS MEDICAL CENTER 262
NORTHWEST COMMUNITY HOSPITAL 264
NORTHWESTERN MEMORIAL HOSPITAL 266
NORWEGIAN-AMERICAN HOSPITAL 268
OAK FOREST HOSPITAL 270
OAK PARK HOSPITAL 272
OUR LADY OF THE RESURRECTION MED CENTER 274
PALOS COMMUNITY HOSPITAL 276
PANA COMMUNITY HOSPITAL 278
PARIS COMMUNITY HOSPITAL 280
PARKSIDE LUTHERAN HOSPITAL 282
PASSAVANT AREA HOSPITAL 284
PEARCE HOSPITAL FOUNDATION INC 286
PEKIN MEMORIAL HOSPITAL 288
PERRY MEMORIAL HOSPITAL 290

Page
PINCKNEYVILLE COMMUNITY HOSPITAL 292
PROCTOR COMMUNITY HOSPITAL 294
PUBLIC HOSPITAL OF THE TOWN OF SALEM 296
RAVENSWOOD HOSPITAL & MEDICAL CENTER 298
RESURRECTION MEDICAL CENTER 300
RICHLAND MEMORIAL HOSPITAL 302
RIVERSIDE MEDICAL CENTER 304
ROCHELLE COMMUNITY HOSPITAL 306
ROCKFORD MEMORIAL HOSPITAL 308
ROSELAND COMMUNITY HOSPITAL 310
RUSH NORTH SHORE MEDICAL CENTER 312
RUSH-PRESBYTERIAN-ST LUKES MED CENTER 314
SACRED HEART HOSPITAL 316
SANDWICH COMMUNITY HOSPITAL 318
SARAH BUSH LINCOLN HEALTH CENTER 320
SARAH D CULBERTSON MEMORIAL HOSPITAL 322
SAVANNA CITY HOSPITAL 324
SHELBY MEMORIAL HOSPITAL 326
SHERMAN HOSPITAL 328
SILVER CROSS HOSPITAL 330
SOUTH CHICAGO COMMUNITY HOSPITAL 332
SOUTH SHORE HOSPITAL 334
SOUTH SUBURBAN HOSPITAL 336
SPARTA COMMUNITY HOSPITAL DISTRICT 338
ST ANNS HOSPITAL OF CHICAGO INC 340
ST ANTHONY HEALTH CENTER 342
ST ANTHONY MEDICAL CENTER 344
ST ANTHONYS HOSPITAL 346
ST ANTHONYS MEMORIAL HOSPITAL 348
ST BERNARD HOSPITAL 350
ST CABRINI HOSPITAL 352
ST CLEMENT HOSPITAL 354
ST ELIZABETH HOSPITAL 356
ST ELIZABETH HOSPITAL OF CHICAGO INC 358
ST ELIZABETH MEDICAL CENTER 360
ST FRANCIS HOSPITAL 362
ST FRANCIS HOSPITAL & HEALTH CENTER 364
ST FRANCIS HOSPITAL OF EVANSTON 366
ST FRANCIS MEDICAL CENTER 368
ST JAMES HOSPITAL 370
ST JAMES HOSPITAL MEDICAL CENTER 372
ST JOHNS HOSPITAL 374
ST JOSEPH HOSPITAL 376
ST JOSEPH HOSPITAL 378
ST JOSEPH HOSPITAL 380
ST JOSEPH MEDICAL CENTER 382
ST JOSEPH MEDICAL CENTER 384
ST JOSEPH MEMORIAL HOSPITAL 386
ST JOSEPHS HOSPITAL 388
ST JOSEPHS HOSPITAL 390
ST JOSEPHS HOSPITAL 392

Page
ST MARGARETS HOSPITAL 394
ST MARY HOSPITAL INC 396
ST MARY MEDICAL CENTER 398
ST MARY OF NAZARETH HOSPITAL CENTER 400
ST MARYS HOSPITAL 402
ST MARYS HOSPITAL 404
ST MARYS HOSPITAL 406
ST MARYS HOSPITAL 408
ST MARYS HOSPITAL OF EAST ST LOUIS 410
ST THERESE MEDICAL CENTER 412
ST VINCENT MEMORIAL HOSPITAL 414
SUBURBAN HOSPITAL & SANITARIUM COOK CTY 416
SWEDISH AMERICAN HOSPITAL 418
SWEDISH COVENANT HOSPITAL 420
THOMAS H BOYD MEMORIAL HOSPITAL 422
THOREK HOSPITAL AND MEDICAL CENTER 424
U M W OF A UNION HOSPITAL 426
UNION COUNTY HOSPITAL 428
UNITED MEDICAL CENTER WEST 430
UNITED SAMARITANS MEDICAL CENTER-SAGER 432
UNIVERSITY OF CHICAGO MEDICAL CENTER 434
UNIVERSITY OF ILLINOIS HOSPITAL 436
US AIR FORCE HOSPITAL 438
VICTORY MEMORIAL HOSPITAL 440
WABASH GENERAL HOSPITAL DISTRICT 442
WASHINGTON COUNTY HOSPITAL 444
WEST SUBURBAN HOSPITAL MEDICAL CENTER 446
WESTLAKE COMMUNITY HOSPITAL 448
WOOD RIVER TOWNSHIP HOSPITAL 450

TECHNICAL APPENDIX A-1

INTRODUCTION

The mortality rates at a given hospital may reflect, among other factors, the age, sex, diagnoses, and severity of illness of patients admitted to that hospital, as well as the quality of care they received. Factors affecting health and the probability of death vary among the patient populations served by individual hospitals. Consequently, the mortality rates in different patient populations vary considerably.

Before reading the tables containing the hospital-specific information and the comments provided by individual hospitals, the reader will find it useful to understand the format and presentation of the information. This year's publication presents information for Federal fiscal years (FYs) 1987, 1988 and 1989. (A Federal fiscal year is October 1 through September 30; e.g., FY 1989 covers the period October 1, 1988 through September 30, 1989.) The information for 1987 and 1988 will be different from that published previously both because it is based on a fiscal, not calendar, year, and because the methodology for this year's analysis uses a random hospital stay rather than the last stay in the year as did previous analyses.

Description of Mortality Information

These latest analyses of the mortality rates associated with Medicare hospitalizations are similar to those carried out in the three prior years. Only one hospitalization for every patient was used. However, in this year's analysis, when a patient had multiple hospitalizations during the fiscal year, one stay to be analyzed was selected at random. We believe that the use of the randomly selected admission provides a better representation of a typical hospital admission and permits us to calculate mortality rates more nearly like those the hospital itself would calculate for its patients. The event evaluated was death at any time within 180 days of admission to the hospital. With this approach, information about the early and later results of the hospitalization are provided. This is important because diseases evolve with different time courses, and treatments may have different short- and long-term impacts. The choice of 180 days allows substantial followup consistent with timely reporting of HCFA data. Additionally, the decision to report the longer followup data necessitated the change from calendar to fiscal year analysis, since it provides at least 182 days followup while allowing us to report on quite recent hospitalizations. Another benefit of using a fiscal rather than a calendar year for analysis is that our files are maintained on a fiscal year basis and new Medicare rules are often instituted on a fiscal year basis.

For each hospital, information is presented for overall Medicare patient mortality and for each of 17 specific diagnostic or medical procedure categories. The information consists of the number of Medicare patients; the observed or actual mortality rate (OBS); the predicted mortality rate (PRED), given the mix of patients; and a standard deviation (SD), a measure of the uncertainty of the predicted rate. A rule of thumb for using the SD to assess a hospital's performance appears later in this Introduction, and a more precise formula for the use of the SD is included in the Technical Appendix.

As we did in previous years' publications, we are including selected information about each hospital, such as the number of beds and other characteristics, which we obtained from data contained in the American Hospital Association's (AHA) 1989 Annual Survey of Hospitals files or, when such information was not available from the AHA file, the Health Care Financing Administration's (HCFA) Online Survey Certification and Reporting System (OSCAR) file. These hospital characteristics are found at the bottom of each hospital's first summary data page. A more detailed description of the hospital characteristics appears later in this Introduction. It is important to note that these characteristics are provided for information only. They were not part of the analyses, and any errors or discrepancies in them do not affect the predicted mortality rates. In the publication, we have arranged the States by HCFA regions. A hospital's summary data pages and any comments received are arranged alphabetically by hospital name in each State section. A complete listing of States by region and volume can be found in Table 1.

Before reviewing a hospital summary table, it would be helpful to describe how the numbers were derived and what they mean.

Number of Cases. This figure is the number of individual Medicare beneficiaries whose discharge in a fiscal year from the short-term, acute care hospital listed was selected for analysis. The total number of cases selected for each hospital is presented under the category "All Causes." The eight condition and nine procedure categories are subgroupings drawn from the "All Causes" selection. Although a particular patient may appear in only one of the eight condition categories, that same patient may also appear in one or more of the nine categories defined by a surgical procedure. Similarly, a patient may appear in one or more of the nine surgical procedure categories, even though he or she was not included in any of the eight condition categories. The categories chosen for display represent HCFA's interpretation of the categories judged to be important by various outside advisors including the Institute of Medicine. The listed condition and procedure categories cover less than half of all the hospitalized patients. (ICD-9-CM codes included in each condition and procedure category appear in Table 2.). These conditions and procedures represent the causes for the hospital admission and/or surgical episodes during that stay; **they do not necessarily represent the cause of death.** HCFA does not have access to cause of death information.

Observed Mortality Rate (OBS). This number is the percentage of each acute care hospital's selected Medicare patients who died within 30, 90 or 180 days of the selected admission to the hospital. The percentage is rounded to the nearest one-tenth of a percent. Both in-hospital deaths and deaths occurring after discharge but within 30, 90 or 180 days of admission are included. For example, if a hospital had 1,000 patients included in the "All Causes" category and 124 of these patients died within 30 days of the selected admission, the 30-day observed mortality rate would be 12.4 percent; if an additional 17 patients died more than 30 but less than 91 days after admission, the 90-day observed mortality rate would be 14.1 percent; and if an additional 13 patients died more than 90 but less than 181 days after admission, the 180-day observed mortality rate would be 15.4 percent. It is important to note than the observed mortality rate is cumulative; e.g., the 90-day observed mortality rate includes all deaths which occur within 30 days of admission, as well as those occurring more than 30 and less than 91 days after admission. The observed mortality rate represents the percentage of beneficiaries in a particular category who died during the selected time interval. As noted above, it does **not** represent the percentage whose death was caused by the particular condition or procedure.

Predicted Mortality Rate (PRED). This column gives a predicted mortality rate for patients included in the analysis for each hospital. The rate is derived in part by determining, based on national experience, the contribution to the probability of dying associated with various patient characteristics: principal diagnosis (grouped into 17 analytical risk categories), age, sex, previous hospital admissions within the prior six months, admission source (e.g., physician reference, skilled nursing facility reference), admission type (e.g., elective or emergency), and the presence of up to four comorbid conditions--cancer, chronic cardiovascular disease, chronic renal disease, and chronic liver disease. For additional details on the development of the rates, see the Technical Appendix at the end of this volume. For a list of the ICD-9-CM codes defining the comorbid conditions see Table 3. Two additional adjustments for patient risks were carried out. First, account was taken of the effect of the specific reason for admission--the principal diagnosis within each analytic category--on the probability of patient death. Second, the additional information carried by the grouping of patients into clinically informative categories was also used. This last adjustment proved particularly important in the case of the surgical categories, because the performance of a surgical procedure has substantial implications about the severity of illness.

Standard Deviation (SD). The standard deviation is a guide to how meaningful the difference between the observed and predicted mortality rate is. In general, the greater the difference between the two rates, the greater the probability that the difference represents an actual variation from what would be expected in view of the national experience.

As a rule of thumb, if the difference is 1.2 times the SD, chances are 3 out of 4 that the difference is due to statistical variability observed nationally. If the difference is greater than 1.6 times the SD, there is only 1 chance in 10 that the difference is due to statistical variability; if the difference is more than 2.0 times the SD, there is only 1 chance in 20 that the difference is due to statistical variablity; and if the difference is more than 2.6 times the SD, there is only 1 chance in 100 that the difference can be attributed to statistical variablity rather than actual variation from what would be expected. The less chance that the difference between the PRED and the OBS can be attributed to statistical variability, the more grounds for concern may exist about the institution's performance. Further information on how to use the SD to construct prediction intervals for use in assessing the real difference between the OBS and the PRED are included in the Technical Appendix at the end of this volume. The precision and interpretability of the estimates are weaker when there are no deaths or 50 or fewer cases in a particular category being analyzed. Thus, for these instances, an asterisk (*) is placed in the SD column.

Information Sources and Notes

This publication is based primarily on Medicare hospital billing information for fiscal years 1987, 1988 and 1989. While the principal source of the data for the analysis was the HCFA-maintained Medicare Provider Analysis and Review (MEDPAR) file which contains information about each Medicare hospitalization, some of the information about beneficiaries, such as date of death, was obtained from the Social Security Administration. Hospitals submit bills to HCFA's fiscal intermediaries (which handle claims for the care provided to Medicare beneficiaries) which, in turn, submit this information to HCFA. The file is updated on a quarterly basis. Our analysis was based on information available following the June 1990 update of the MEDPAR file. It is estimated that by that time (nine months after the close of the fiscal year) 98 percent of all Medicare discharges in FY 1989 are included in the file.

In any large-scale data base, such as the one dealing with Medicare hospitalizations, there will be gaps or inaccuracies. The fact that the files contain information on about 10 million hospital admissions to nearly 6,000 hospitals for each year provides some assurance that, for purposes of the statistical analysis conducted here, the information which might be missing or inaccurate is such a small portion of the total that it would have almost no impact on the results for national estimates. It may, however, substantially affect an individual hospital if it was the source of the suspect information.

Nevertheless, while we feel that the information used in this analysis is quite thorough and complete, there are a few points which should be kept in mind as the hospital-specific information is reviewed.

> The information used is billing data and is only as good as the information submitted by hospitals as part of the payment process. Although there is always a possibility that coding errors are included, we assume that, given the link to payment, hospitals have an incentive to submit bills accurately and promptly. We do know, however, that some hospitals submitted incomplete or erroneous data.
>
> The hospitals included in this analysis are participating in Medicare as short-term, acute care facilities; all have a zero in the third position of their Medicare provider number. All other hospitals--those with something other than a zero in the third position of their provider number, such as rehabilitation facilities or psychiatric institutions--were automatically excluded from the analysis. This year, as last, we also excluded hospices from the publication.
>
> In some cases, we have included data for hospitals which closed, changed ownership, or changed management either during or subsequent to FY 1989. Nevertheless, data which are included for those institutions reflect the situation as it existed at the time the hospitalizations analyzed occurred.
>
> There is some information in the MEDPAR file which does not reflect immediately the results of review by the Peer Review Organizations (PROs). For example, one of the functions a PRO performs is to ensure that the diagnosis assigned to a particular case is accurate. The nature of the review and payment system is such that, in some instances, PRO changes in diagnosis assignment may not be

submitted and associated in the MEDPAR file on as timely a basis as other billing information. Obviously, this type of change could have an effect on the calculation of mortality rates in individual categories and may also have a bearing on comorbidities.

The usefulness of this information depends upon the accuracy with which mortality rates can be predicted. It is important to understand that the difference between the hospitals' mortality rates and the predicted rates in the tables in this publication may not be a direct measure of the quality of care rendered in the hospitals. One reason for this is that we do not now have any direct measurement tool with which we can adjust fully for differences among hospitals in how severely ill their patients are. For instance, two hospitals may have very different death rates for patients admitted for stroke, even after we have adjusted for age, sex and several other factors. This might happen because one hospital's stroke patients consist of a significant number who are admitted in a coma (and are thus more likely to die), whereas another hospital's patient population represents a broader spectrum of patients with cerebrovascular problems, or because these hospitals in fact do provide different levels of quality of care. In addition, other factors affecting the probability of death in a particular case (e.g., family status/support, overall health status of the patient, etc.) are not included in the predictive model because information on them is not readily available.

Nevertheless, we believe that this information is an important contribution to the health care community and should be helpful to a wide range of individuals and organizations including hospital administrators, physicians, and researchers. Among these audiences, we expect that the hospital administrator (in consultation with medical staff) will find the information most useful as a screening tool to evaluate a hospital's strengths and weaknesses. For example, we know that some hospitals and their medical staffs, using established and newly emerging quality assessment techniques, are trying to determine what useful information can be derived about their hospitals and how they function. In this way, the information should lead to analysis and subsequent actions which will capitalize on areas of strong performance and strengthen areas where improvement is needed.

We believe that when this information is properly understood and applied, it can be very useful; it can also be misleading if it is interpreted incorrectly. The information simply describes one of several possible outcomes at a hospital--post-admission mortality for Medicare beneficiaries. The information is not necessarily representative of a hospital's total performance in all aspects of patient care and is best used to view experience in individual hospitals rather than for making comparisons among hospitals. Individual hospitals may have very good reasons for their rates being higher than the rates predicted by the HCFA model. For example, one hospital might have different death rates than another because of its patient mix. Accordingly, it was important for hospitals to have an opportunity to review their specific information and to provide comments to HCFA and the public. We offered each hospital the opportunity to comment on the information contained in this volume, and we included in this publication those comments which were received by January 15, 1991. Consumers should read the explanations of the uses and limitations of the information, as well as any comments a hospital may have provided.

The development and presentation of this information continues to be an important part of HCFA's responsibilities in the health care community. Consequently, in making the information as accurate and useful as possible, over the past several years we have discussed the theoretical framework and statistical approach with a number of nationally recognized technical experts in appropriate fields. More specifically, in June 1990 we presented the major changes--use of fiscal year data, use of random rather than last admission for analysis, use of the standard deviation rather than ranges, presentation of mortality rates at three time intervals--to these experts. Based on their recommendations, we believe that the models used in these analyses continue to be reasonable and appropriate.

In the past, we have conducted validation studies of our methodology. In general, these studies have found correlation between poor quality care and hospitals whose observed mortality rate significantly exceeds the rate that would have been predicted. However, we have also found that detailed clinical data which more thoroughly characterize the severity of patient's illness, while they do not materially affect results describing the general pattern of mortality, do, in specific instances, alter our assessment of the comparison of the observed to the predicted mortality rates.

The format for presentation, the process for sharing the information with individual hospitals, and the statistical methodology have been discussed at various meetings with leaders of organizations representing Medicare beneficiaries, physicians and hospitals. Also, we have spent many months reviewing the comments received from the hospitals regarding their patient-specific data for earlier years and our previous mortality information publications. Many suggestions from these sources have been incorporated into this publication.

We have carefully investigated comments from individual hospitals on apparent discrepancies or errors generated in previous years. These discrepancies very rarely impacted on a hospital's overall mortality rate. Most of these instances fell into the following three broad categories.

> **Inaccurate Date of Death.** We found that inpatient billing coding errors (e.g., a hospital bill indicating that the patient's status at time of discharge was "expired" when the patient had, in fact, left the hospital alive) created many of these errors. We have mechanisms in place that allow a continuous update of HCFA's master file, thereby enabling us to make corrections.
>
> **Data Posting Delays.** In some instances, delays in posting data to the MEDPAR file created difficulties in prior years' analyses. However, because of the use of a fiscal, rather than calendar, year and of a random, rather than last, admission for analysis, this problem has largely been eliminated.
>
> **Discrepant Case Counts.** Our analysis counts only one acute care discharge in a fiscal year; normally, hospitals count each discharge. Thus, a patient admitted three times in a year would count three times for the hospital, but only once for the purpose of analyzing Medicare hospital mortality data presented in this publication.

On December 6, 1990, we mailed mortality information to each hospital on its Medicare patients and asked for comments by January 15, 1991. Each hospital received the summary data information (as published here), as well as a list of all Medicare patients whose stay in that hospital in FY 1989 was selected for the analysis. The comments we received are generally reproduced as submitted by the hospital. However, in instances where hospitals returned an annotated copy of the HCFA information sent on December 6, we did not publish that annotated material, even in cases where these were the only comments submitted by the hospital. We took this action because of patient privacy concerns and/or because it would have duplicated information already provided on the hospital's summary data sheet. However, we have published a standard statement to identify instances where we received this type of response. Additionally, in cases where the hospital's response exceeded the two-page limit, which was specified in our communication of December 6, we have published only the first two pages of the material received. No attempt has been made to edit or condense the response provided by the hospital.

In any project of this size, there will be instances where hospitals did not receive the information for comment or did not receive it timely. In fact, many hospitals were sent second copies of their specific information in an expeditious manner in order to allow every opportunity for review and comment. Even though it is possible that some of the nonresponding facilities never got the information or did not have adequate time to comment, we expect that these instances are few in number.

As noted previously, we have again included information on selected hospital characteristics such as the number of beds, occupancy rate, ownership, staffing, and specialty services. These particular characteristics and services were selected as those of most interest to Medicare beneficiaries. (Thus, for example, we do not include information on specialty services such as Neonatal Intensive Care Units.) This information was obtained from the AHA 1989 Annual Survey of Hospitals. Where hospitals did not provide information to AHA on a particular item, it has been listed as not available. This file consists of information voluntarily reported by hospitals to the AHA. In instances where the AHA records contained no information about a hospital included in the analysis, we have presented the most recent information from HCFA's OSCAR file.

Following are the AHA's definitions of each characteristic found on the hospital's summary page containing the FY 1989 summary data information.

SURVEY AND YEAR: AHA 1989 Source = American Hospital Association 1989 Annual Survey of Hospital Files

Total beds (#): Number of beds (including sub-acute beds), cribs, and pediatric and neonatal bassinets regularly maintained (set up, staffed, and ready for use) for inpatients as of the close of the reporting period; does not include bassinets for normal newborn infants.

Occupancy rate (percent): Ratio of average daily census to the average number of beds (statistical beds) maintained during the 12-month reporting period. (NOTE: The number of these "statistical beds" may differ from the bed count at the close of the reporting period.)

Ownership/control: State government, local government, district/authority, church, private nonprofit, private for profit, or Federal Government.

STAFFING (as of 09/30/88):

Total number of physicians: Total active and associate medical staff.

Percent of physicians who are board-certified specialists: Physicians who have passed an examination given by a medical specialty board and have been certified by that board as a specialist.

Medical residents/interns: Full-time equivalent (FTE) medical residents or interns.

Registered nurses: Full-time equivalent (FTE) registered nurses.

Licensed practical nurses: Full-time equivalent (FTE) licensed practical nurses.

AHA DEFINED SPECIALTY SERVICES:

Burn unit: Provides more intensive care to severely burned patients than the usual acute nursing care provided in medical and surgical units. Beds must be set up and staffed in a unit specifically designated for this service.

Cardiac intensive care: Provides patient care of a more specialized nature than the usual medical and surgical care, on the basis of physicians' orders and approved nursing care plans. The unit is staffed with specially trained nursing personnel and contains monitoring and specialized support or treatment equipment for patients who, because of heart seizure, open-heart surgery or other life-threatening conditions, require intensified, comprehensive observation and care. May include myocardial infarction, pulmonary care, and heart transplant units. Beds must be set up and staffed in a unit(s) specifically designated for this service.

Comprehensive Geriatric Assessment: Provides diagnostic and evaluation services that determine elderly patients' long-term care needs. Includes the assessment of medical conditions, functional activities and mental and emotional conditions, and incorporates these into a treatment plan which includes family and financial concerns as well as medical needs.

Hospice care: A program providing palliative care, chiefly medical relief of pain and supportive services, to terminally ill patients and assistance to their families in adjusting to the patients' illness and death.

Medical/surgical intensive care: Provides nursing care to adult and/or pediatric patients of a more intensive nature than the usual medical, surgical, pediatric, and/or psychiatric care on the basis of physicians' orders and approved nursing care plans. Included are medical-surgical, pediatric, and psychiatric (isolation) units. These units are staffed with specially trained nursing personnel and contain monitoring and specialized support equipment for patients who, because of shock, trauma, or life-threatening conditions, require intensified, comprehensive observation and care. These units may also include cardiac care when such services are not provided in a distinct cardiac care unit.

Organ transplant service equipment: The necessary staff and equipment to perform the surgical removal of a viable human organ (including kidney) from a donor, either alive or just deceased, and the surgical grafting of the organ to a suitably evaluated and prepared patient.

Other intensive care: Provides nursing care to adult and/or pediatric patients with a specialized disease or condition of a more intensive nature than the usual medical, surgical, pediatric and/or psychiatric care on the basis of physicians' orders and approved nursing plans. Examples reported include oncology or spinal cord injuries. These units are staffed with specially trained nursing personnel and contain monitoring and specialized support equipment appropriate for the patients' specialized conditions.

Rehabilitation unit: Unit having designated beds and providing a comprehensive array of multidisciplinary medical rehabilitation services.

Trauma center: Provides emergency and specialized intensive care to critically injured patients.

NOTE: Inquiries regarding the AHA data or requests for additional AHA data must be directed to the Director of the American Hospital Association's Hospital Data Center at (312) 280-6000.

Following are HCFA's Online Survey Certification and Reporting System (OSCAR) definitions of some characteristics found on the hospital's summary page containing the 1986, 1987, and 1988 mortality rates and ranges.

SURVEY AND YEAR: OSCAR 19__

Total beds (#): Total number of operational beds eligible for Medicare payment.

Ownership/control: Church; private; Federal, State, local government, or hospital district or authority; proprietary.

STAFFING:

Medical residents/interns: Full-time equivalent (FTE) medical residents or interns.

Registered nurses: Full-time equivalent (FTE) registered nurses.

Licensed practical nurses: Full-time equivalent (FTE) licensed practical nurses.

OSCAR DEFINED SPECIALTY SERVICES:

There are no specific definitions of specialty services in OSCAR. These characteristics are self-reported by each hospital at initial certification and recertification. However, they are generally understood to parallel the explicit AHA definitions.

Table 1

STATES BY REGION AND VOLUME

Region		Volume	State
I	Boston	1	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont
II	New York	2	New Jersey, Puerto Rico, Virgin Islands
		3	New York
III	Philadelphia	4	Delaware, District of Columbia, Maryland, Virginia, West Virginia
		5	Pennsylvania
IV	Atlanta	6	Alabama, Georgia
		7	Florida
		8	Kentucky, Mississippi, South Carolina
		9	North Carolina, Tennessee
V	Chicago	10	Illinois
		11	Indiana, Michigan
		12	Minnesota, Wisconsin
		13	Ohio

VI	Dallas	14	Arkansas, Oklahoma
		15	Louisiana, New Mexico
		16	Texas (A - L)
		17	Texas (M - Z)
VII	Kansas City	18	Iowa, Kansas
		19	Missouri, Nebraska
VIII	Denver	20	Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming
IX	San Francisco	21	American Samoa/Guam, Arizona, Hawaii, Nevada
		22	California (A - L)
		23	California (M - Z)
X	Seattle	24	Alaska, Idaho, Oregon, Washington

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Technical Supplement	25

Table 2

DIAGNOSTIC AND PROCEDURE CATEGORIES

The following lists the ICD-9-CM diagnostic and procedure codes used to classify and group patients for presentation:

CONDITION/PROCEDURE	ICD-9-CM CODES (D) = DIAGNOSTIC CODE (P) = PROCEDURE CODE
Heart Disorders/Procedures:	
Acute Myocardial Infarction	410 (D) (exclude 410 with 5th digit of 2 after 10/1/89)
Congestive Heart Failure	398.91, 402.01, 402.11, 402.91, 428.0, 428.1, 428.9 (all D)
Angioplasty	36.0 excluding 36.00, 36.03, 36.04, 36.09 (all P)
Coronary Artery Bypass Graft	36.1 (P)
Pacemaker Insertion, Initial	37.73, 37.74, 37.75, 37.77 (after 10/1/87 use 37.70—37.73) (all P)
Pulmonary Disorders:	
Pneumonia/Influenza	480-481, 482.2, 482.3, 482.9, 483, 485, 486, 487.0 (all D)
Chronic Obstructive Pulmonary Disease	491-492; 494; 496; and 466.0, 518.5, 518.82, and 786.09 when there is a secondary diagnosis of any 496 (all D)
Cerebrovascular Disorders/Procedures:	
Transient Cerebral Ischemia	433.1, 433.3, 435 (D) and exclude those patients with an endarterectomy, 38.12 (P) at the time of admission
Stroke	431, 434-434.9, 436 (all D)
Carotid Endarterectomy	38.12 (P) with 433.1 (D), 433.3 (D), or 435 (D) as principal diagnosis

Musculoskeletal Disorders/Procedures:

Fracture of Neck of Femur	820 (D)
Hip Replacement/Revision	81.5, 81.6 (exclude 81.69) (81.51—81.53 after 10/1/89) (all P)
Open Reduction of Fractured Femur	79.35 (P) on condition of 820 (D) as principal diagnosis

Genitourinary Procedures:

Prostatectomy	60.2, 60.3-60.69 (all P)
Hysterectomy	68.3-68.7 (P)

Gastrointestinal Procedures:

Cholecystectomy	51.22 (P)

Sepsis:

Sepsis	003.1, 020.2, 022.3, 036.2, 036.3, 036.89, 036.9, 038, 054.5 (all D)

Table 3

COMORBIDITY CONDITIONS

(all are D codes)

COMORBIDITY	ICD-9-CM CODES
Cancer	141-160.9, 162-172.9, 174-208.9
Chronic liver disease	571-572.8
Chronic renal disease	582-583.9, 585-587
Chronic cardiovascular disease	412-414.9, 426-429.1

Illinois

ABRAHAM LINCOLN MEMORIAL HOSPITAL

315 8th St
Lincoln, IL 62656

Medicare Provider Number: 140004

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	657	13.4	10.1	2.2	18.6	15.3	2.3	22.1	19.3	2.4
CONDITIONS:										
Acute Myocardial Infarction	18	22.2	30.2	*	33.3	33.9	*	33.3	37.9	*
Congestive Heart Failure	30	13.3	17.5	*	16.7	25.6	*	20.0	32.1	*
Pneumonia/Influenza	43	27.9	18.8	*	37.2	25.6	*	39.5	30.8	*
Chronic Obstructive Pulmonary Disease	8	25.0	7.7	*	25.0	12.4	*	25.0	16.7	*
Transient Cerebral Ischemia	10	0.0	1.9	*	10.0	4.3	*	20.0	7.0	*
Stroke	26	34.6	18.4	*	34.6	24.4	*	46.2	28.5	*
Hip Fracture	24	4.2	5.9	*	8.3	10.8	*	12.5	14.1	*
Sepsis	8	25.0	24.0	*	25.0	29.4	*	25.0	34.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	8.3	4.8	*	8.3	8.9	*	16.7	11.7	*
Open Reduction of Hip Fracture	9	0.0	6.1	*	0.0	11.5	*	11.1	15.0	*
Prostatectomy	12	0.0	1.0	*	0.0	2.3	*	8.3	4.1	*
Cholecystectomy	7	0.0	3.7	*	14.3	8.0	*	14.3	12.1	*
Hysterectomy	11	0.0	0.9	*	0.0	2.0	*	0.0	3.0	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	62
Occupancy Rate	50
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	17
Percent of Physicians Board Certified Specialists	71
Medical Residents/Interns	0
Registered Nurses	48
Licensed Practical Nurses	32

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ABRAHAM LINCOLN MEMORIAL HOSPITAL

Medicare Provider Number: 140004

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	679	11.6	11.0	1.3	16.2	16.1	1.8	19.1	20.0	1.6
CONDITIONS:										
Acute Myocardial Infarction	13	38.5	30.6	*	53.8	34.5	*	53.8	38.4	*
Congestive Heart Failure	54	20.4	16.3	5.4	31.5	24.5	8.2	44.4	31.0	10.5
Pneumonia/Influenza	42	21.4	20.0	*	26.2	26.7	*	28.6	31.9	*
Chronic Obstructive Pulmonary Disease	8	0.0	10.9	*	12.5	16.8	*	12.5	21.8	*
Transient Cerebral Ischemia	7	0.0	2.9	*	14.3	6.5	*	14.3	10.5	*
Stroke	28	25.0	24.4	*	28.6	32.3	*	32.1	37.4	*
Hip Fracture	15	13.3	6.4	*	13.3	11.7	*	13.3	15.2	*
Sepsis	8	0.0	28.2	*	12.5	35.7	*	25.0	42.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	7.4	*	0.0	13.9	*	0.0	17.9	*
Open Reduction of Hip Fracture	7	14.3	5.3	*	14.3	10.2	*	14.3	13.5	*
Prostatectomy	23	4.3	1.3	*	4.3	3.2	*	4.3	5.3	*
Cholecystectomy	18	11.1	2.1	*	11.1	4.0	*	11.1	5.3	*
Hysterectomy	7	0.0	0.9	*	0.0	2.3	*	0.0	3.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	738	10.4	9.9	2.4	16.5	14.6	3.9	20.3	18.3	4.2
CONDITIONS:										
Acute Myocardial Infarction	28	42.9	31.3	*	46.4	34.9	*	46.4	38.6	*
Congestive Heart Failure	58	25.9	18.4	7.4	34.5	27.5	7.2	37.9	34.7	6.6
Pneumonia/Influenza	45	6.7	18.6	*	15.6	24.6	*	24.4	29.5	*
Chronic Obstructive Pulmonary Disease	8	12.5	20.0	*	25.0	28.5	*	25.0	34.5	*
Transient Cerebral Ischemia	11	9.1	1.9	*	27.3	4.2	*	27.3	6.8	*
Stroke	32	34.4	18.8	*	50.0	26.4	*	50.0	31.1	*
Hip Fracture	25	0.0	7.7	*	8.0	13.6	*	12.0	17.4	*
Sepsis	4	25.0	41.1	*	75.0	47.9	*	75.0	54.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	5.4	*	20.0	10.8	*	20.0	14.8	*
Open Reduction of Hip Fracture	10	0.0	9.1	*	10.0	16.3	*	10.0	20.7	*
Prostatectomy	14	7.1	1.0	*	7.1	2.6	*	7.1	4.4	*
Cholecystectomy	11	0.0	1.9	*	0.0	3.6	*	9.1	5.0	*
Hysterectomy	7	0.0	0.5	*	0.0	0.8	*	0.0	1.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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ALMH
ABRAHAM LINCOLN
MEMORIAL HOSPITAL

January 15, 1991

RE: Medicare Provider
Number: 140004

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We have reviewed the information submitted by you and offer the following:

The information is of limited utility to consumers and is not of benefit in judging the quality of care of institutions. Although it may be of limited value to some facilities, it is not of value to our particular hospital.

Our numbers are small and even though they may have minor deviations from the standard, that clearly does not mean that our performance or the patient outcomes were any indication of care less than high quality.

In our further review of the deviation with respect to hip fracture, wherein there were 12 procedures performed in the study and three expired, we find that two of the three patients expired months after the surgery from unrelated causes. There is also no indication that the other death was at all related to the surgery.

Respectfully

D. David Sniff

D. DAVID SNIFF
President and
Chief Executive Officer

DDS/gl

ALEXIAN BROTHERS MEDICAL CENTER

800 W Biesterfield Rd
Elk Grove Village, IL 60007

Medicare Provider Number: 140258

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,700	7.5	8.5	0.9	12.5	13.0	0.9	16.0	16.6	0.9
CONDITIONS:										
Acute Myocardial Infarction	73	19.2	24.2	5.7	26.0	27.3	5.7	28.8	30.5	5.5
Congestive Heart Failure	80	12.5	14.3	5.0	21.2	22.2	5.3	27.5	28.9	5.5
Pneumonia/Influenza	61	14.8	16.5	8.2	18.0	22.1	6.7	24.6	26.7	6.1
Chronic Obstructive Pulmonary Disease	29	10.3	6.5	*	13.8	11.4	*	17.2	15.6	*
Transient Cerebral Ischemia	36	0.0	1.7	*	2.8	3.6	*	2.8	5.6	*
Stroke	64	15.6	19.1	5.9	21.9	25.4	7.1	25.0	29.6	9.0
Hip Fracture	49	4.1	9.4	*	14.3	16.5	*	20.4	20.8	*
Sepsis	14	21.4	26.3	*	21.4	33.6	*	21.4	39.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	15.4	3.7	*	15.4	6.6	*	23.1	9.2	*
Carotid Endarterectomy	4	25.0	1.7	*	25.0	3.0	*	25.0	4.2	*
Hip Replacement/Reconstruction	20	0.0	5.8	*	5.0	10.4	*	10.0	13.3	*
Open Reduction of Hip Fracture	29	0.0	9.0	*	10.3	16.6	*	17.2	21.2	*
Prostatectomy	67	0.0	0.9	1.6	1.5	2.1	2.1	4.5	3.5	2.7
Cholecystectomy	34	0.0	1.7	*	0.0	3.0	*	0.0	3.9	*
Hysterectomy	16	0.0	0.9	*	0.0	2.0	*	0.0	2.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	395
Occupancy Rate	66
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	436
Percent of Physicians Board Certified Specialists	74
Medical Residents/Interns	14
Registered Nurses	332
Licensed Practical Nurses	12

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	Yes

** Not used in calculating hospital mortality rates.

ALEXIAN BROTHERS MEDICAL CENTER

Medicare Provider Number: 140258

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,941	7.6	9.2	0.8	12.8	13.9	0.9	17.1	17.7	1.0
CONDITIONS:										
Acute Myocardial Infarction	74	23.0	28.3	9.2	29.7	31.9	9.0	32.4	35.5	7.2
Congestive Heart Failure	114	9.6	16.4	4.6	18.4	24.7	4.7	32.5	31.6	4.8
Pneumonia/Influenza	78	21.8	20.2	5.1	26.9	26.8	5.1	29.5	32.0	5.8
Chronic Obstructive Pulmonary Disease	19	5.3	9.5	*	21.1	16.0	*	36.8	21.5	*
Transient Cerebral Ischemia	42	2.4	1.8	*	2.4	3.8	*	4.8	5.8	*
Stroke	79	10.1	20.5	7.5	16.5	27.7	8.5	24.1	32.5	7.4
Hip Fracture	44	6.8	8.0	*	9.1	13.6	*	13.6	16.9	*
Sepsis	21	19.0	22.0	*	19.0	28.8	*	23.8	34.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	28	3.6	4.5	*	10.7	7.7	*	10.7	10.6	*
Carotid Endarterectomy	11	9.1	1.9	*	9.1	3.4	*	9.1	4.8	*
Hip Replacement/Reconstruction	32	9.4	4.4	*	12.5	7.7	*	15.6	9.7	*
Open Reduction of Hip Fracture	26	3.8	6.5	*	3.8	11.7	*	3.8	14.9	*
Prostatectomy	85	0.0	0.9	1.7	2.4	2.2	2.1	4.7	3.7	2.9
Cholecystectomy	56	0.0	2.5	3.2	1.8	4.2	4.4	1.8	5.4	4.7
Hysterectomy	9	0.0	2.4	*	22.2	5.5	*	22.2	8.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,611	7.6	9.5	1.7	13.0	14.7	1.7	16.6	18.6	1.9
CONDITIONS:										
Acute Myocardial Infarction	49	14.3	26.3	*	22.4	29.9	*	22.4	33.3	*
Congestive Heart Failure	88	2.3	15.9	5.3	13.6	23.7	7.2	19.3	30.4	6.2
Pneumonia/Influenza	66	16.7	19.4	5.4	24.2	25.8	5.5	27.3	30.9	7.2
Chronic Obstructive Pulmonary Disease	20	10.0	10.6	*	20.0	17.6	*	25.0	23.1	*
Transient Cerebral Ischemia	31	0.0	3.1	*	6.5	6.6	*	9.7	10.1	*
Stroke	48	20.8	20.9	*	29.2	27.9	*	31.3	32.5	*
Hip Fracture	31	3.2	8.0	*	12.9	14.0	*	16.1	17.8	*
Sepsis	11	18.2	27.9	*	27.3	38.0	*	27.3	44.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	22	9.1	5.6	*	18.2	11.6	*	18.2	16.8	*
Carotid Endarterectomy	3	0.0	2.0	*	0.0	3.6	*	0.0	5.3	*
Hip Replacement/Reconstruction	17	0.0	3.8	*	5.9	7.0	*	5.9	9.0	*
Open Reduction of Hip Fracture	18	5.6	5.9	*	11.1	10.5	*	11.1	13.3	*
Prostatectomy	80	0.0	1.2	2.2	2.5	3.0	2.2	5.0	5.2	2.5
Cholecystectomy	38	2.6	5.0	*	10.5	9.2	*	10.5	11.8	*
Hysterectomy	18	0.0	0.8	*	0.0	1.6	*	0.0	2.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

5.1

ALEXIAN BROTHERS
Medical Center

January 2, 1991

Health Care Financing Administration
Health Standards and Qaulity Bureau
ATT: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

After reviewing the Medicare Mortality Information presented by the Health Care Financing Administration, I have prepared the following comments:

1. In the three areas where Alexian Brothers Medical Center falls outside the predicted rate, the data does not reflect a fair and valid sample of cases. Because there were fewer than 50 cases in each of these areas, the estimated predicted mortality must be considered uninterpretable since we cannot know whether there is a real difference between the observed rate and what should be expected at our hospital.

2. Because a standard deviation cannot be calculated, since there were fewer than 50 cases, we cannot construct a confidence interval or range of predicted mortality. Without this range we are unable to determine whether the difference between the observed and expected rates is valid.

3. In one particular area, carotid endarterectomy, only four cases were sampled. One of these patients expired due to an unrelated disease process which resulted in our observed mortality rate being calculated at 25%. Statistically, this value is meaningless. It continues to be unfair to publish such data, without qualifiers, to a public who may interpret the data incorrectly.

Though we are prevented from statistically evaluating the data because of the small number of cases sampled, we do not ignore the information as presented. In examining these same areas for the past two years, we find no consistent pattern of higher than expected mortality.

Healthcare you'll feel good about™

800 W. Biesterfield Road
Elk Grove Village, Illinois 60007
312·437·5500

The Alexian Brothers Medical Center continues to give the highest priority to the delivery of quality care which is continually monitored through the peer review process and a comprehensive quality management program. The exclusive reporting of mortality rates only serve to distort, in the public's mind, their evaluation process when selecting a hospital. This is not only unfair to any hospital but also to the public as well.

I hope the above comments can be given consideration in your report.

Sincerely,

Brother Philip Kennedy

Brother Philip Kennedy
CEO/President

BPK:bjc

ALTON MEMORIAL HOSPITAL

One Memorial Drive
Alton, IL 62002

Medicare Provider Number: 140002

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,402	7.3	8.0	0.9	11.3	12.0	1.3	14.2	15.3	1.4
CONDITIONS:										
Acute Myocardial Infarction	57	26.3	28.7	6.2	35.1	32.1	6.9	36.8	35.8	6.8
Congestive Heart Failure	54	7.4	15.8	7.8	16.7	24.6	9.6	20.4	31.7	11.5
Pneumonia/Influenza	65	10.8	18.1	6.1	15.4	24.3	7.8	18.5	29.2	8.2
Chronic Obstructive Pulmonary Disease	17	5.9	7.5	*	11.8	14.0	*	23.5	19.7	*
Transient Cerebral Ischemia	27	0.0	2.0	*	3.7	4.6	*	3.7	7.5	*
Stroke	44	25.0	19.4	*	31.8	26.3	*	34.1	30.8	*
Hip Fracture	41	2.4	5.6	*	7.3	10.4	*	7.3	13.9	*
Sepsis	4	0.0	19.3	*	0.0	26.4	*	0.0	30.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	16.4	*	14.3	22.0	*	14.3	26.3	*
Carotid Endarterectomy	10	0.0	1.4	*	10.0	2.6	*	10.0	3.7	*
Hip Replacement/Reconstruction	50	2.0	2.5	*	6.0	4.7	*	8.0	6.6	*
Open Reduction of Hip Fracture	14	0.0	6.1	*	0.0	11.3	*	0.0	14.9	*
Prostatectomy	34	0.0	0.7	*	2.9	1.8	*	8.8	3.1	*
Cholecystectomy	38	0.0	2.5	*	2.6	4.6	*	7.9	6.1	*
Hysterectomy	9	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	232
Occupancy Rate	67
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	109
Percent of Physicians Board Certified Specialists	84
Medical Residents/Interns	0
Registered Nurses	142
Licensed Practical Nurses	59

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

** Not used in calculating hospital mortality rates.

ALTON MEMORIAL HOSPITAL

Medicare Provider Number: 140002

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,374	7.6	8.2	1.1	10.4	12.2	1.2	12.7	15.4	1.3
CONDITIONS:										
Acute Myocardial Infarction	50	36.0	33.0	*	36.0	36.6	*	38.0	40.5	*
Congestive Heart Failure	50	10.0	14.2	*	14.0	21.6	*	18.0	27.8	*
Pneumonia/Influenza	70	10.0	16.0	7.0	12.9	21.7	8.6	17.1	26.2	8.9
Chronic Obstructive Pulmonary Disease	16	0.0	7.7	*	0.0	13.8	*	6.3	19.0	*
Transient Cerebral Ischemia	24	0.0	1.8	*	0.0	3.8	*	0.0	5.8	*
Stroke	57	21.1	22.4	6.1	22.8	28.7	8.0	26.3	33.3	9.2
Hip Fracture	45	4.4	6.2	*	8.9	11.3	*	13.3	14.5	*
Sepsis	4	0.0	32.8	*	0.0	38.6	*	0.0	43.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	2.6	*	0.0	5.7	*	0.0	8.9	*
Carotid Endarterectomy	5	20.0	2.8	*	20.0	5.4	*	40.0	7.8	*
Hip Replacement/Reconstruction	43	0.0	2.1	*	2.3	4.1	*	2.3	5.6	*
Open Reduction of Hip Fracture	31	6.5	5.2	*	9.7	9.9	*	16.1	13.1	*
Prostatectomy	21	0.0	0.5	*	0.0	1.0	*	0.0	1.7	*
Cholecystectomy	29	3.4	1.9	*	3.4	3.4	*	3.4	4.4	*
Hysterectomy	7	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,229	8.3	8.4	1.2	11.6	12.5	1.3	14.5	15.8	1.9
CONDITIONS:										
Acute Myocardial Infarction	45	35.6	31.8	*	40.0	35.6	*	40.0	39.4	*
Congestive Heart Failure	49	18.4	16.6	*	26.5	24.8	*	32.7	31.7	*
Pneumonia/Influenza	45	20.0	15.1	*	26.7	20.4	*	31.1	24.7	*
Chronic Obstructive Pulmonary Disease	12	8.3	7.2	*	8.3	12.0	*	8.3	16.2	*
Transient Cerebral Ischemia	23	0.0	2.0	*	0.0	4.1	*	4.3	6.6	*
Stroke	41	19.5	23.9	*	24.4	30.2	*	26.8	34.7	*
Hip Fracture	42	7.1	6.5	*	9.5	11.6	*	11.9	15.1	*
Sepsis	6	33.3	25.0	*	50.0	35.0	*	50.0	41.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	33.3	5.4	*	33.3	8.3	*	33.3	10.3	*
Carotid Endarterectomy	5	0.0	1.5	*	0.0	2.7	*	0.0	3.9	*
Hip Replacement/Reconstruction	34	0.0	2.4	*	2.9	4.5	*	2.9	5.8	*
Open Reduction of Hip Fracture	27	11.1	5.7	*	11.1	10.9	*	14.8	14.5	*
Prostatectomy	33	0.0	1.6	*	3.0	3.9	*	9.1	6.3	*
Cholecystectomy	30	0.0	2.1	*	0.0	3.5	*	0.0	4.6	*
Hysterectomy	11	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

AMERICAN INTERNATIONAL HOSPITAL

Shiloh Blvd and Emmaus Ave
Zion, IL 60099

Medicare Provider Number: 140100

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	177	10.2	10.2	2.3	17.5	15.8	3.1	23.2	20.1	3.9
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	20.2	*	33.3	24.1	*	50.0	27.7	*
Congestive Heart Failure	6	0.0	13.2	*	0.0	19.5	*	33.3	25.2	*
Pneumonia/Influenza	7	28.6	13.1	*	57.1	17.8	*	57.1	21.6	*
Chronic Obstructive Pulmonary Disease	1	0.0	16.1	*	0.0	25.2	*	0.0	31.9	*
Transient Cerebral Ischemia	10	0.0	2.1	*	0.0	4.7	*	0.0	7.2	*
Stroke	8	0.0	22.9	*	25.0	32.8	*	25.0	38.6	*
Hip Fracture	0									
Sepsis	2	50.0	45.3	*	50.0	56.4	*	100.0	67.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.1	*	0.0	2.5	*	0.0	3.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	2.8	*	50.0	7.8	*	50.0	14.1	*
Cholecystectomy	1	0.0	4.8	*	0.0	9.7	*	0.0	12.9	*
Hysterectomy	1	0.0	4.3	*	0.0	7.5	*	0.0	9.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	87
Occupancy Rate	69
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	41
Percent of Physicians Board Certified Specialists	61
Medical Residents/Interns	2
Registered Nurses	111
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

** Not used in calculating hospital mortality rates.

AMERICAN INTERNATIONAL HOSPITAL

Medicare Provider Number: 140100

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	172	11.0	10.5	2.5	16.9	15.8	2.9	21.5	19.7	3.5
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	11.6	*	20.0	14.8	*	20.0	18.1	*
Congestive Heart Failure	3	33.3	18.9	*	33.3	30.0	*	66.7	39.2	*
Pneumonia/Influenza	4	0.0	13.0	*	0.0	17.5	*	25.0	21.3	*
Chronic Obstructive Pulmonary Disease	1	100.0	13.4	*	100.0	20.0	*	100.0	25.7	*
Transient Cerebral Ischemia	6	0.0	2.3	*	0.0	5.1	*	16.7	8.1	*
Stroke	6	0.0	26.6	*	0.0	32.8	*	33.3	37.0	*
Hip Fracture	3	0.0	7.2	*	0.0	12.6	*	0.0	15.8	*
Sepsis	1	0.0	35.2	*	0.0	40.4	*	0.0	46.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	11.3	*	0.0	19.4	*	0.0	23.5	*
Open Reduction of Hip Fracture	1	0.0	6.4	*	0.0	12.2	*	0.0	15.8	*
Prostatectomy	6	0.0	3.0	*	0.0	6.8	*	0.0	10.6	*
Cholecystectomy	1	0.0	0.9	*	0.0	1.8	*	0.0	2.5	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	190	10.0	9.4	2.6	12.6	14.5	4.3	19.5	18.3	3.3
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	36.5	*	50.0	40.4	*	50.0	44.3	*
Congestive Heart Failure	7	28.6	20.9	*	28.6	31.3	*	42.9	39.0	*
Pneumonia/Influenza	4	25.0	14.6	*	25.0	20.9	*	50.0	26.1	*
Chronic Obstructive Pulmonary Disease	2	0.0	8.3	*	0.0	13.4	*	50.0	18.7	*
Transient Cerebral Ischemia	11	9.1	1.8	*	9.1	4.2	*	18.2	7.0	*
Stroke	3	33.3	15.6	*	33.3	20.0	*	33.3	23.7	*
Hip Fracture	1	0.0	10.1	*	100.0	15.7	*	100.0	19.3	*
Sepsis	4	25.0	27.1	*	25.0	35.5	*	50.0	42.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	2.5	*	0.0	4.8	*	0.0	7.3	*
Carotid Endarterectomy	2	0.0	2.3	*	0.0	4.2	*	0.0	6.1	*
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	8.8	*	100.0	14.6	*	100.0	18.1	*
Prostatectomy	2	0.0	0.9	*	0.0	1.8	*	0.0	2.7	*
Cholecystectomy	2	0.0	4.3	*	0.0	7.6	*	0.0	9.6	*
Hysterectomy	2	0.0	0.6	*	0.0	1.1	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

American International Hospital

Shiloh Boulevard
& Emmaus Avenue
Zion, Illinois 60099
Telephone: 708.872.4561

January 11, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Attn: Mrs. Sandra K. Kappert

Dear Mrs. Kappert:

Thank you for sending the gathered statistics on our facility for review. We noted that none of the differences between the AIH observed and predicted death rates were statistically significant at the 95% level of probability. It was also noted that if cancer deaths were listed separately, this information would be much more meaningful to our institution.

Please note the following:

1) Of the 44 dates of death listed on our report, we could only verify 19, or 43%. 48% expired once they left our institution. 9% revealed incorrect dates according to our records.
2) Your report shows one patients date of death as 10-23-89. However, we have the same patient at our hospital on 10-31-89. Therefore, this could be an error, which would cut the observed death rate in half for Congestive Heart Failure, as only two deaths were counted.
3) Under 'Procedures', we displayed only one death, that of Prostatectomy. On further investigation, it was noted that this patient did not expire at our facility, and discharged with a final diagnosis of Carcinoma of the pancreas.
4) Observed death rate for 'Sepsis' was 100%. However, this percentage encompassed only two patients, both of whom had carcinomas.

American
International
Hospital

Shiloh Boulevard
& Emmaus Avenue
Zion, Illinois 60099
Telephone: 312.872.4561

Page Two

Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207
Attn: Mrs. Sandra K. Kappert

5) The observed death rate for 'Pneumonia' was 57.1%. This was attributed to four deaths. Three of these patients were transferred to nursing homes, and one was a 'no code'.

This report was compiled in joint effort by Medical Records, Statistician, and Administration.

Thank you for the opportunity to respond.

Sincerely,

Stephen Weinstein

Stephen Weinstein
President and CEO

SW/bks

ANDERSON HOSPITAL

Ill Rt 162 Old Edwardsville Rd
Maryville, IL 62062

Medicare Provider Number: 140289

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,144	12.2	11.0	1.1	17.8	15.9	1.4	23.0	19.7	1.8
CONDITIONS:										
Acute Myocardial Infarction	46	32.6	25.1	*	34.8	28.2	*	39.1	31.4	*
Congestive Heart Failure	69	18.8	16.0	4.9	26.1	24.4	5.3	31.9	31.2	6.8
Pneumonia/Influenza	93	20.4	17.1	4.3	28.0	22.7	6.1	36.6	27.4	7.6
Chronic Obstructive Pulmonary Disease	16	0.0	7.4	*	6.3	13.2	*	18.8	18.3	*
Transient Cerebral Ischemia	15	0.0	1.8	*	0.0	3.9	*	13.3	6.2	*
Stroke	51	19.6	21.1	5.8	31.4	27.3	7.1	37.3	31.6	8.3
Hip Fracture	41	4.9	8.0	*	9.8	13.7	*	24.4	17.3	*
Sepsis	18	33.3	31.3	*	38.9	38.2	*	38.9	44.0	*
PROCEDURES:										
Angioplasty	1	0.0	6.2	*	0.0	11.1	*	0.0	13.6	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	12.5	4.9	*	25.0	10.6	*	37.5	16.4	*
Carotid Endarterectomy	1	0.0	1.5	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction	29	6.9	5.8	*	13.8	10.1	*	27.6	12.9	*
Open Reduction of Hip Fracture	18	5.6	7.3	*	5.6	13.2	*	22.2	16.9	*
Prostatectomy	29	0.0	1.4	*	3.4	3.3	*	10.3	5.6	*
Cholecystectomy	23	0.0	1.9	*	0.0	3.1	*	0.0	3.8	*
Hysterectomy	7	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	140
Occupancy Rate	45
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	89
Percent of Physicians Board Certified Specialists	58
Medical Residents/Interns	0
Registered Nurses	105
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

** Not used in calculating hospital mortality rates.

ANDERSON HOSPITAL

Medicare Provider Number: 140289

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,235	11.3	10.6	1.2	16.2	15.4	1.5	19.9	19.1	1.5
CONDITIONS:										
Acute Myocardial Infarction	63	34.9	29.1	9.2	36.5	32.1	10.8	41.3	35.4	10.9
Congestive Heart Failure	66	15.2	16.0	4.6	21.2	24.0	6.7	27.3	30.6	8.1
Pneumonia/Influenza	79	19.0	19.7	5.4	25.3	25.8	5.5	29.1	30.6	5.4
Chronic Obstructive Pulmonary Disease	16	6.3	8.9	*	6.3	13.8	*	18.8	18.4	*
Transient Cerebral Ischemia	21	0.0	2.1	*	4.8	4.6	*	4.8	7.2	*
Stroke	60	21.7	23.2	5.5	31.7	30.0	6.0	43.3	34.6	7.7
Hip Fracture	45	4.4	6.8	*	6.7	12.0	*	6.7	15.2	*
Sepsis	19	42.1	26.2	*	52.6	35.0	*	52.6	41.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.3	*	0.0	4.5	*	0.0	6.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	25	0.0	6.0	*	0.0	11.3	*	0.0	14.8	*
Open Reduction of Hip Fracture	20	10.0	5.8	*	15.0	10.5	*	15.0	13.6	*
Prostatectomy	24	4.2	1.3	*	8.3	3.0	*	8.3	4.9	*
Cholecystectomy	20	5.0	3.9	*	15.0	7.1	*	20.0	9.6	*
Hysterectomy	7	0.0	1.5	*	0.0	2.9	*	14.3	4.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,092	13.4	10.3	2.2	19.1	14.9	3.0	22.1	18.8	2.2
CONDITIONS:										
Acute Myocardial Infarction	57	31.6	29.9	7.9	38.6	33.2	7.9	38.6	36.6	6.8
Congestive Heart Failure	42	21.4	14.7	*	33.3	22.2	*	38.1	28.8	*
Pneumonia/Influenza	68	25.0	17.5	6.7	27.9	23.6	6.1	32.4	28.7	6.0
Chronic Obstructive Pulmonary Disease	10	0.0	9.5	*	0.0	16.2	*	0.0	21.8	*
Transient Cerebral Ischemia	30	3.3	2.0	*	3.3	4.5	*	10.0	7.2	*
Stroke	62	27.4	23.1	8.4	40.3	30.0	10.4	40.3	34.6	11.0
Hip Fracture	37	13.5	6.0	*	13.5	10.6	*	18.9	13.7	*
Sepsis	8	25.0	27.9	*	25.0	35.7	*	37.5	40.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	19	15.8	8.3	*	26.3	14.4	*	31.6	19.3	*
Carotid Endarterectomy	5	20.0	1.7	*	40.0	3.0	*	40.0	4.4	*
Hip Replacement/Reconstruction	15	13.3	5.4	*	13.3	9.6	*	13.3	12.4	*
Open Reduction of Hip Fracture	17	5.9	5.3	*	5.9	9.9	*	17.6	13.1	*
Prostatectomy	27	3.7	1.1	*	3.7	2.5	*	3.7	4.2	*
Cholecystectomy	25	4.0	2.1	*	12.0	3.6	*	12.0	4.4	*
Hysterectomy	12	0.0	0.4	*	0.0	0.9	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

Anderson Hospital

Illinois Route 162, Maryville, Illinois 62062, (618) 288-5711

December 27, 1990

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Attention Mrs. Kappert:

This letter is in response to your December 6, 1990 publication concerning the HCFA mortality statistics.

As pointed out to HCFA repeatedly, there is a question as to the sampling process, the precision of the data, and the methodology used to count the deaths. We have chosen not to pursue those topics.

We have taken the opportunity to validate the information given to us and wish to express the following concerns:

> Overall, forty patients which were included in the mortality statistics, expired greater than 180 days after the admission. Therefore, these are not applicable to your statistical analysis. Your statistics reflect that we had a 12.2% mortality for "all causes". By subtracting these forty invalid cases, the actual deaths would be 103 or 9.0% rather than 143 and 12.2% as you have indicated. In addition, we calculated our entire Medicare mortality rate for this time period, and overall it is 9.5%.
>
> The random selection of cases is not a true reflection of our actual mortality rates. We have validated your data and also calculated our mortality rates based on all deaths and number of cases. Actual figures are as follows:
>
> > Myocardial Infarctions: Total MIs for the period was 96. 21 expired during or within 30 days of hospitalization resulting in a mortality rate of 21.6%. (Your observed rate for us was 32.6%. Your predicted rate was 25.1%)
> >
> > Congestive Heart Failure: Total CHF cases for the period was 140. 17 patients expired during or within 30 days of hospitalization, resulting in a 12% mortality rate. (Your observed rate for us was 18.8% and your predicted rate was 16.0%).

Pneumonia/Influenza: Total Pneumonia/Influenza cases for the period was 218, with 31 deaths during or within 30 days of hospitalization, resulting in a mortality rate of 14.2%. (Your observed rate for us was 20.4% and your predicted rate was 17.7%).

Chronic Obstructive Pulmonary Disease: Review of your statistics presented for 180 days shows the figure should be 12.5% observed rather than 18.8%. Our statistics show that only one death occurred within this time period.

Sepsis: Total sepsis cases for our hospital was 35 with 8 deaths during or within 30 days of the hospitalization. This is a mortality rate of 22.8%. (Your observed rate for us was 33.3% and your predicted rate is 31.3%).

Initial Pacemaker Insertion: Total pacemaker insertion cases for our hospital was 15. There was one mortality at 30 days (6.7%), one at 90 days (6.7%), and one at 180 days (6.7%). Your observed rates for us were 12.5%, 25.0%, and 37.5% respectively.

Hip Replacement/Reconstruction: Total cases for our hospital was 37. There were three mortalities during or within 30 days (8.1%), three at 90 days (8.1%) and four at 180 days (13.8%). Your predictions for us were 5.8%, 10.1% and 12.1% respectively.

Further evaluation of these hip replacement/reconstruction cases reveals 72% of them were not elective procedures. All were emergency admissions, (i.e. hip fractures). There were no elective hip replacements where the patient died.

In enclosure A, paragraph 5, you stated: "with this approach, information about both early and later results of hospitalization are provided". We must disagree with including deaths 90 and 180 days past patient admissions. There are many factors which can influence the health and well-being of the patient 90 or 180 days after admission. In addition, your explanation did not include whether the analytical technique used was based on national, regional, or local norms.

Thank you for your opportunity to comment on our mortality statistics. Please contact us if you have any questions.

Sincerely,

William Hurteau, FACHE
Administrator

BELMONT COMMUNITY HOSPITAL

4058 W Melrose Street
Chicago, IL 60641

Medicare Provider Number: 140098

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	855	16.3	11.3	2.2	22.6	16.1	2.9	24.7	19.9	2.1
CONDITIONS:										
Acute Myocardial Infarction	36	44.4	28.6	*	47.2	31.4	*	47.2	34.6	*
Congestive Heart Failure	75	17.3	15.3	4.5	26.7	22.6	5.9	29.3	29.0	5.6
Pneumonia/Influenza	46	19.6	15.0	*	28.3	20.0	*	28.3	24.3	*
Chronic Obstructive Pulmonary Disease	19	5.3	8.1	*	15.8	13.2	*	15.8	17.7	*
Transient Cerebral Ischemia	17	11.8	2.4	*	11.8	5.5	*	17.6	8.9	*
Stroke	56	42.9	24.2	8.8	50.0	30.4	9.3	53.6	34.9	9.3
Hip Fracture	24	8.3	7.6	*	12.5	13.4	*	16.7	17.3	*
Sepsis	3	0.0	13.1	*	0.0	16.9	*	0.0	20.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	1.3	*	0.0	2.9	*	0.0	4.7	*
Carotid Endarterectomy	2	0.0	0.9	*	0.0	1.5	*	0.0	2.1	*
Hip Replacement/Reconstruction	14	7.1	5.5	*	14.3	10.0	*	14.3	13.1	*
Open Reduction of Hip Fracture	8	12.5	7.7	*	12.5	14.1	*	25.0	18.2	*
Prostatectomy	24	0.0	1.1	*	4.2	2.6	*	8.3	4.2	*
Cholecystectomy	13	0.0	2.3	*	0.0	4.0	*	7.7	5.4	*
Hysterectomy	7	0.0	1.8	*	0.0	4.1	*	0.0	6.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	97
Occupancy Rate	58
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

** Not used in calculating hospital mortality rates.

BELMONT COMMUNITY HOSPITAL

Medicare Provider Number: 140098

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	699	9.6	9.4	2.0	15.6	14.0	2.5	19.2	17.7	2.6
CONDITIONS:										
Acute Myocardial Infarction	20	15.0	29.5	*	25.0	32.7	*	25.0	36.0	*
Congestive Heart Failure	61	13.1	12.9	4.6	27.9	19.5	6.9	37.7	25.3	9.1
Pneumonia/Influenza	20	15.0	14.5	*	20.0	19.3	*	20.0	23.3	*
Chronic Obstructive Pulmonary Disease	8	12.5	8.1	*	12.5	14.0	*	25.0	19.0	*
Transient Cerebral Ischemia	19	0.0	2.0	*	0.0	4.4	*	5.3	7.0	*
Stroke	43	18.6	21.6	*	20.9	27.8	*	27.9	32.5	*
Hip Fracture	14	0.0	6.6	*	28.6	11.5	*	35.7	14.6	*
Sepsis	5	0.0	20.7	*	20.0	29.2	*	40.0	35.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	10.6	*	0.0	14.2	*	0.0	17.4	*
Carotid Endarterectomy	2	0.0	1.4	*	0.0	2.9	*	0.0	4.3	*
Hip Replacement/Reconstruction	5	0.0	6.2	*	20.0	10.8	*	20.0	13.3	*
Open Reduction of Hip Fracture	8	0.0	5.3	*	37.5	9.9	*	50.0	13.0	*
Prostatectomy	29	0.0	1.2	*	0.0	3.0	*	0.0	5.1	*
Cholecystectomy	22	4.5	2.5	*	9.1	4.3	*	9.1	5.4	*
Hysterectomy	4	0.0	0.6	*	0.0	1.3	*	0.0	2.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	588	9.2	8.9	2.0	13.9	13.5	2.1	15.8	17.2	1.8
CONDITIONS:										
Acute Myocardial Infarction	14	28.6	34.2	*	42.9	37.4	*	50.0	40.9	*
Congestive Heart Failure	56	19.6	17.5	5.4	26.8	26.1	5.9	28.6	32.7	7.9
Pneumonia/Influenza	24	12.5	13.8	*	20.8	19.0	*	20.8	23.2	*
Chronic Obstructive Pulmonary Disease	6	0.0	8.5	*	0.0	13.4	*	0.0	17.7	*
Transient Cerebral Ischemia	31	0.0	1.7	*	0.0	3.6	*	0.0	5.6	*
Stroke	19	10.5	16.1	*	15.8	21.7	*	15.8	26.1	*
Hip Fracture	6	16.7	9.7	*	33.3	16.3	*	50.0	20.6	*
Sepsis	3	33.3	35.1	*	66.7	47.8	*	66.7	55.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	2.0	*	0.0	3.9	*	0.0	5.7	*
Carotid Endarterectomy	5	0.0	1.9	*	0.0	3.4	*	0.0	4.9	*
Hip Replacement/Reconstruction	2	0.0	4.3	*	0.0	8.2	*	0.0	11.0	*
Open Reduction of Hip Fracture	4	25.0	10.7	*	50.0	18.6	*	75.0	23.7	*
Prostatectomy	23	0.0	1.6	*	4.3	4.0	*	4.3	6.5	*
Cholecystectomy	19	10.5	3.4	*	21.1	6.5	*	21.1	8.6	*
Hysterectomy	4	0.0	1.1	*	0.0	2.4	*	0.0	3.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

13.1

Belmont Community Hospital

4058 West Melrose Chicago, IL 60641 (312) 736-7000

January 11, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Attention: Mrs. Sandra Kappert

Dear Mrs. Kappert:

As a general statement, please note that all mortalities are reviewed by the Quality Assurance Department in conjunction with our Medical Staff. If the review reveals any deficiency or questionable therapy, these records are further reviewed and, when appropriate, disciplinary action is taken.

Please note that in mid-1988, our Emergency Department was designated as "Comprehensive." This has resulted in an increase in acuity for the patients that have been admitted through our Emergency Department. Our mortality rates reflect this increase in service.

Regarding our 1989 mortality rates, we note that the only meaningful difference between the predicted and the observed mortality rates are with patients in the medical category of stroke. After evaluation, we have found the following.

56 stroke patients admitted
26 survived more than 180 days
30 died within 180 days

Of the 30 that died within 180 days:

23 died while in the Hospital
3 died within 30 days of discharge
3 died within 90 days of discharge
1 died within 180 days of discharge

Of the 23 patients that died while in the Hospital:

22 were admitted through the Emergency Room which indicates the stroke was in progress
21 were designated as "no code" patients in which death was an expected outcome
23 had co-morbidity which further compromised the patient.

I hope you find this information appropriate in explaining the meaningful difference between the predicted and observed mortality rates for the category of stroke. If I can answer any additional questions, please feel free to contact me.

Sincerely,

Christopher L. Boyd
Administrator

CLB:jmk

BETHANY HOSPITAL

3435 W Van Buren
Chicago, IL 60624

Medicare Provider Number: 140152

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	492	6.1	8.9	1.7	12.0	14.3	2.6	17.1	18.7	2.8
CONDITIONS:										
Acute Myocardial Infarction	10	20.0	24.4	*	20.0	28.2	*	30.0	32.0	*
Congestive Heart Failure	53	3.8	11.8	7.4	11.3	19.1	8.2	18.9	25.2	8.0
Pneumonia/Influenza	27	11.1	15.9	*	11.1	21.9	*	18.5	26.2	*
Chronic Obstructive Pulmonary Disease	3	0.0	3.9	*	0.0	6.6	*	0.0	9.0	*
Transient Cerebral Ischemia	4	0.0	1.0	*	0.0	2.1	*	0.0	3.3	*
Stroke	13	7.7	14.8	*	15.4	20.8	*	15.4	24.8	*
Hip Fracture	3	0.0	9.6	*	0.0	14.9	*	33.3	18.2	*
Sepsis	7	28.6	36.9	*	85.7	55.2	*	100.0	67.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	3.5	*	0.0	6.3	*	100.0	8.3	*
Prostatectomy	21	0.0	0.8	*	0.0	1.8	*	4.8	3.1	*
Cholecystectomy	3	0.0	2.6	*	0.0	4.4	*	0.0	5.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	212
Occupancy Rate	70
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	98
Percent of Physicians Board Certified Specialists	62
Medical Residents/Interns	0
Registered Nurses	143
Licensed Practical Nurses	23

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BETHANY HOSPITAL

Medicare Provider Number: 140152

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	381	8.4	9.9	2.0	14.2	15.9	2.9	18.1	20.8	3.8
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	25.3	*	42.9	28.3	*	42.9	31.8	*
Congestive Heart Failure	36	2.8	15.0	*	8.3	23.3	*	11.1	30.0	*
Pneumonia/Influenza	28	17.9	18.3	*	28.6	25.8	*	32.1	31.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.0	*	0.0	3.9	*	0.0	5.6	*
Transient Cerebral Ischemia	12	0.0	1.9	*	0.0	4.2	*	0.0	6.6	*
Stroke	10	10.0	22.3	*	10.0	30.1	*	20.0	35.4	*
Hip Fracture	6	0.0	7.6	*	33.3	13.4	*	33.3	16.9	*
Sepsis	5	0.0	27.4	*	20.0	37.4	*	20.0	45.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.3	*	0.0	2.8	*	0.0	4.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	6.0	*	50.0	10.2	*	50.0	12.7	*
Prostatectomy	19	0.0	1.0	*	0.0	2.6	*	5.3	4.4	*
Cholecystectomy	5	20.0	4.1	*	20.0	6.8	*	20.0	8.6	*
Hysterectomy	1	0.0	4.1	*	0.0	9.6	*	0.0	16.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	278	7.9	7.6	1.9	11.2	11.6	2.1	13.3	14.8	2.5
CONDITIONS:										
Acute Myocardial Infarction	8	25.0	28.4	*	25.0	31.2	*	25.0	34.3	*
Congestive Heart Failure	13	7.7	9.0	*	7.7	14.3	*	7.7	19.2	*
Pneumonia/Influenza	14	21.4	19.0	*	21.4	26.5	*	21.4	31.8	*
Chronic Obstructive Pulmonary Disease	2	0.0	5.7	*	0.0	10.0	*	0.0	13.8	*
Transient Cerebral Ischemia	4	0.0	2.7	*	25.0	6.2	*	50.0	10.2	*
Stroke	13	23.1	18.6	*	23.1	25.1	*	30.8	29.7	*
Hip Fracture	2	0.0	4.8	*	0.0	9.1	*	0.0	12.4	*
Sepsis	4	50.0	29.5	*	75.0	41.3	*	75.0	49.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.9	*	0.0	3.7	*	0.0	5.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	4.1	*	0.0	8.2	*	0.0	11.5	*
Prostatectomy	13	0.0	0.9	*	0.0	2.1	*	0.0	3.4	*
Cholecystectomy	5	0.0	1.4	*	0.0	2.6	*	0.0	3.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

BLESSING HOSPITAL

1005 Broadway
Quincy, IL 62301

Medicare Provider Number: 140015

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,986	8.4	9.1	1.1	13.2	14.1	1.5	16.7	18.1	1.5
CONDITIONS:										
Acute Myocardial Infarction	52	30.8	29.3	6.5	40.4	33.3	9.4	40.4	37.0	7.5
Congestive Heart Failure	78	21.8	17.1	7.0	32.1	26.3	9.0	43.6	33.6	11.8
Pneumonia/Influenza	73	27.4	21.3	7.1	31.5	28.6	6.4	35.6	34.3	5.8
Chronic Obstructive Pulmonary Disease	14	7.1	5.8	*	14.3	10.8	*	14.3	15.2	*
Transient Cerebral Ischemia	32	3.1	1.8	*	9.4	4.0	*	9.4	6.3	*
Stroke	72	15.3	20.1	5.6	20.8	26.9	8.0	22.2	31.4	8.5
Hip Fracture	63	3.2	7.5	3.9	4.8	13.4	6.0	4.8	17.4	7.3
Sepsis	12	16.7	28.0	*	50.0	36.9	*	50.0	44.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	15.4	5.8	*	15.4	9.5	*	15.4	13.2	*
Carotid Endarterectomy	19	10.5	1.4	*	10.5	2.6	*	15.8	3.9	*
Hip Replacement/Reconstruction	51	2.0	4.4	3.7	3.9	8.4	5.7	3.9	11.1	6.5
Open Reduction of Hip Fracture	27	0.0	7.4	*	0.0	13.6	*	0.0	17.9	*
Prostatectomy	77	2.6	1.7	1.8	5.2	4.1	2.7	7.8	6.8	3.5
Cholecystectomy	36	2.8	3.2	*	5.6	5.8	*	11.1	7.6	*
Hysterectomy	15	0.0	0.5	*	6.7	1.2	*	6.7	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	235
Occupancy Rate	68
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	95
Percent of Physicians Board Certified Specialists	79
Medical Residents/Interns	5
Registered Nurses	152
Licensed Practical Nurses	84

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

BLESSING HOSPITAL

Medicare Provider Number: 140015

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,263	8.8	9.1	0.6	13.7	14.4	0.8	17.0	18.6	1.1
CONDITIONS:										
Acute Myocardial Infarction	62	32.3	27.6	7.4	35.5	31.7	7.3	38.7	35.6	7.3
Congestive Heart Failure	91	19.8	19.2	4.9	30.8	29.4	7.7	37.4	37.2	5.6
Pneumonia/Influenza	104	21.2	19.5	5.1	28.8	26.0	5.4	30.8	30.9	4.5
Chronic Obstructive Pulmonary Disease	13	0.0	8.0	*	7.7	13.9	*	7.7	19.4	*
Transient Cerebral Ischemia	53	1.9	2.0	*	1.9	4.4	*	1.9	7.0	*
Stroke	65	21.5	22.5	5.2	24.6	29.0	6.5	27.7	33.4	7.5
Hip Fracture	68	5.9	6.8	3.2	13.2	12.3	4.9	17.6	15.9	6.7
Sepsis	12	25.0	21.8	*	33.3	29.7	*	41.7	36.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	20	10.0	5.2	*	15.0	8.4	*	15.0	11.4	*
Carotid Endarterectomy	20	0.0	1.4	*	0.0	2.6	*	0.0	3.9	*
Hip Replacement/Reconstruction	58	6.9	3.4	4.1	10.3	6.4	5.9	12.1	8.4	5.9
Open Reduction of Hip Fracture	34	5.9	6.1	*	11.8	11.6	*	17.6	15.5	*
Prostatectomy	73	0.0	1.1	1.6	2.7	2.8	2.0	4.1	4.6	2.5
Cholecystectomy	40	5.0	4.2	*	7.5	7.4	*	10.0	9.7	*
Hysterectomy	14	0.0	2.8	*	7.1	5.6	*	7.1	8.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,277	7.5	8.6	1.7	12.3	13.5	2.0	15.9	17.5	2.4
CONDITIONS:										
Acute Myocardial Infarction	65	20.0	27.0	7.2	29.2	30.5	6.2	30.8	34.0	6.4
Congestive Heart Failure	82	17.1	18.1	6.5	23.2	27.4	6.4	31.7	34.8	5.9
Pneumonia/Influenza	109	15.6	19.2	4.4	27.5	25.7	4.4	30.3	31.0	5.1
Chronic Obstructive Pulmonary Disease	24	4.2	10.7	*	12.5	16.8	*	16.7	22.0	*
Transient Cerebral Ischemia	57	1.8	2.1	2.4	1.8	4.5	4.3	3.5	7.2	5.9
Stroke	80	23.7	20.3	5.4	30.0	27.4	5.4	35.0	32.1	5.8
Hip Fracture	47	2.1	6.6	*	2.1	12.5	*	8.5	16.7	*
Sepsis	6	33.3	25.4	*	33.3	33.7	*	33.3	39.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	6.0	*	0.0	11.3	*	0.0	15.8	*
Carotid Endarterectomy	20	5.0	1.7	*	10.0	3.6	*	10.0	5.5	*
Hip Replacement/Reconstruction	46	0.0	2.9	*	2.2	5.8	*	6.5	8.1	*
Open Reduction of Hip Fracture	23	4.3	6.0	*	4.3	11.6	*	8.7	15.5	*
Prostatectomy	93	1.1	1.5	1.6	6.5	3.6	3.1	6.5	5.8	2.6
Cholecystectomy	30	3.3	4.0	*	6.7	7.4	*	6.7	9.6	*
Hysterectomy	12	0.0	3.0	*	0.0	4.7	*	0.0	6.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

BROMENN HEALTHCARE

Virginia at Franklin
Normal, IL 61761

Medicare Provider Number: 140127

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,745	8.6	8.5	0.7	12.3	12.8	0.8	15.2	16.3	1.2
CONDITIONS:										
Acute Myocardial Infarction	42	31.0	28.7	*	33.3	32.2	*	35.7	35.7	*
Congestive Heart Failure	90	7.8	15.1	6.7	16.7	23.2	7.2	24.4	29.9	6.9
Pneumonia/Influenza	78	9.0	16.4	5.3	17.9	22.5	6.5	21.8	27.3	5.7
Chronic Obstructive Pulmonary Disease	7	14.3	5.4	*	14.3	9.2	*	14.3	12.6	*
Transient Cerebral Ischemia	22	0.0	2.0	*	9.1	4.4	*	9.1	7.0	*
Stroke	50	14.0	21.6	*	24.0	27.8	*	26.0	32.2	*
Hip Fracture	55	5.5	6.2	3.3	9.1	11.4	4.7	14.5	14.9	4.9
Sepsis	24	29.2	27.6	*	29.2	34.4	*	29.2	40.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	0.0	4.7	*	0.0	9.4	*	0.0	13.5	*
Carotid Endarterectomy	9	0.0	1.3	*	0.0	2.4	*	0.0	3.7	*
Hip Replacement/Reconstruction	38	0.0	2.5	*	5.3	4.8	*	5.3	6.6	*
Open Reduction of Hip Fracture	32	3.1	5.7	*	6.3	10.8	*	9.4	14.2	*
Prostatectomy	50	0.0	1.0	*	0.0	2.3	*	4.0	3.7	*
Cholecystectomy	38	0.0	3.0	*	2.6	5.5	*	2.6	7.1	*
Hysterectomy	14	0.0	1.4	*	0.0	2.9	*	0.0	4.3	*

* **The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	497
Occupancy Rate	60
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	142
Percent of Physicians Board Certified Specialists	63
Medical Residents/Interns	0
Registered Nurses	231
Licensed Practical Nurses	30

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

** **Not used in calculating hospital mortality rates.**

BROMENN HEALTHCARE

Medicare Provider Number: 140127

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,367	7.2	7.5	0.7	11.5	11.5	1.1	13.3	14.8	1.2
CONDITIONS:										
Acute Myocardial Infarction	33	18.2	27.1	*	21.2	30.2	*	21.2	33.6	*
Congestive Heart Failure	74	17.6	14.7	4.8	32.4	22.9	7.9	33.8	29.7	8.4
Pneumonia/Influenza	56	14.3	16.9	6.1	23.2	22.9	5.9	25.0	27.7	8.2
Chronic Obstructive Pulmonary Disease	13	15.4	12.0	*	23.1	19.3	*	23.1	24.6	*
Transient Cerebral Ischemia	7	14.3	2.0	*	14.3	4.2	*	14.3	6.5	*
Stroke	38	23.7	22.1	*	26.3	28.3	*	26.3	33.0	*
Hip Fracture	29	0.0	5.9	*	0.0	10.9	*	0.0	14.2	*
Sepsis	8	12.5	36.2	*	12.5	42.9	*	12.5	49.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	3.7	*	0.0	6.7	*	0.0	9.3	*
Carotid Endarterectomy	7	0.0	2.2	*	0.0	5.0	*	0.0	7.6	*
Hip Replacement/Reconstruction	33	3.0	1.9	*	3.0	3.8	*	3.0	5.4	*
Open Reduction of Hip Fracture	18	0.0	5.3	*	0.0	10.3	*	0.0	13.7	*
Prostatectomy	33	0.0	1.0	*	0.0	2.3	*	0.0	3.8	*
Cholecystectomy	38	2.6	3.6	*	5.3	6.8	*	7.9	9.2	*
Hysterectomy	17	0.0	0.6	*	0.0	1.3	*	0.0	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,344	6.8	7.2	0.8	10.6	11.2	1.3	13.4	14.5	1.6
CONDITIONS:										
Acute Myocardial Infarction	32	18.8	26.4	*	21.9	30.2	*	28.1	34.1	*
Congestive Heart Failure	73	15.1	15.6	5.2	26.0	24.1	5.5	28.8	31.3	6.2
Pneumonia/Influenza	48	8.3	16.3	*	12.5	22.5	*	16.7	27.6	*
Chronic Obstructive Pulmonary Disease	7	28.6	9.6	*	28.6	15.8	*	42.9	21.0	*
Transient Cerebral Ischemia	20	5.0	1.8	*	15.0	3.8	*	15.0	6.1	*
Stroke	46	28.3	20.8	*	32.6	27.2	*	34.8	32.1	*
Hip Fracture	40	5.0	5.8	*	10.0	10.9	*	10.0	14.4	*
Sepsis	15	26.7	27.4	*	33.3	34.8	*	40.0	41.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	1.4	*	0.0	3.2	*	0.0	5.4	*
Carotid Endarterectomy	12	0.0	1.1	*	0.0	2.1	*	8.3	3.0	*
Hip Replacement/Reconstruction	23	0.0	2.9	*	0.0	5.8	*	0.0	7.9	*
Open Reduction of Hip Fracture	17	5.9	5.8	*	5.9	11.0	*	5.9	14.6	*
Prostatectomy	36	8.3	0.8	*	8.3	2.1	*	11.1	3.5	*
Cholecystectomy	20	5.0	2.6	*	10.0	5.1	*	10.0	6.9	*
Hysterectomy	14	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CARLE FOUNDATION HOSPITAL

611 West Park Street
Urbana, IL 61801

Medicare Provider Number: 140091

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,193	7.1	8.0	0.8	11.4	12.4	1.0	15.4	15.9	1.0
CONDITIONS:										
Acute Myocardial Infarction	42	16.7	25.1	*	21.4	28.5	*	23.8	32.1	*
Congestive Heart Failure	56	21.4	15.8	7.6	28.6	24.8	6.5	35.7	32.0	6.8
Pneumonia/Influenza	58	1.7	14.8	5.9	8.6	20.4	7.2	15.5	24.8	8.0
Chronic Obstructive Pulmonary Disease	17	5.9	7.7	*	23.5	14.7	*	35.3	20.6	*
Transient Cerebral Ischemia	22	0.0	1.5	*	4.5	3.4	*	4.5	5.3	*
Stroke	58	20.7	21.5	5.4	29.3	27.6	6.7	34.5	32.2	7.0
Hip Fracture	44	6.8	5.7	*	6.8	10.3	*	9.1	13.5	*
Sepsis	22	18.2	26.2	*	22.7	33.7	*	31.8	39.3	*
PROCEDURES:										
Angioplasty	29	0.0	2.8	*	0.0	3.8	*	3.4	4.9	*
Coronary Artery Bypass Graft	33	9.1	4.9	*	12.1	7.5	*	12.1	9.4	*
Initial Pacemaker Insertion	15	0.0	2.0	*	0.0	3.7	*	0.0	5.4	*
Carotid Endarterectomy	13	0.0	1.3	*	0.0	2.4	*	7.7	3.5	*
Hip Replacement/Reconstruction	75	0.0	1.5	*	0.0	2.8	*	0.0	3.9	*
Open Reduction of Hip Fracture	19	10.5	4.6	*	10.5	8.7	*	15.8	11.6	*
Prostatectomy	61	0.0	0.7	1.6	0.0	1.7	3.6	4.9	2.9	3.6
Cholecystectomy	50	0.0	2.4	*	2.0	4.6	*	8.0	6.4	*
Hysterectomy	26	0.0	1.1	*	3.8	2.4	*	7.7	3.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	493
Occupancy Rate	70
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	172
Percent of Physicians Board Certified Specialists	95
Medical Residents/Interns	0
Registered Nurses	356
Licensed Practical Nurses	22

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

CARLE FOUNDATION HOSPITAL

Medicare Provider Number: 140091

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,238	7.2	8.4	0.9	11.8	13.0	1.1	15.1	16.6	1.2
CONDITIONS:										
Acute Myocardial Infarction	54	27.8	33.8	11.2	27.8	37.4	12.1	35.2	41.3	11.2
Congestive Heart Failure	57	10.5	14.7	7.2	21.1	22.3	8.1	28.1	28.6	6.0
Pneumonia/Influenza	55	16.4	17.1	5.1	27.3	23.7	8.1	36.4	28.9	8.5
Chronic Obstructive Pulmonary Disease	19	10.5	5.0	*	21.1	9.9	*	26.3	14.4	*
Transient Cerebral Ischemia	22	0.0	1.8	*	0.0	4.0	*	9.1	6.3	*
Stroke	53	18.9	22.4	6.4	32.1	28.2	6.9	34.0	32.7	6.7
Hip Fracture	47	2.1	7.0	*	4.3	12.6	*	6.4	16.2	*
Sepsis	30	23.3	29.6	*	40.0	38.2	*	43.3	45.3	*
PROCEDURES:										
Angioplasty	35	8.6	4.1	*	11.4	5.0	*	11.4	6.2	*
Coronary Artery Bypass Graft	16	18.8	11.3	*	18.8	13.8	*	18.8	15.6	*
Initial Pacemaker Insertion	12	0.0	2.3	*	0.0	4.9	*	0.0	7.8	*
Carotid Endarterectomy	20	5.0	1.3	*	5.0	2.5	*	5.0	3.7	*
Hip Replacement/Reconstruction	73	2.7	1.9	1.7	2.7	3.5	2.2	2.7	4.7	2.9
Open Reduction of Hip Fracture	23	4.3	5.0	*	4.3	9.5	*	8.7	12.7	*
Prostatectomy	81	0.0	0.7	*	0.0	1.6	*	0.0	2.7	*
Cholecystectomy	59	3.4	3.3	2.5	3.4	5.6	3.7	3.4	7.0	4.5
Hysterectomy	28	3.6	2.3	*	3.6	3.3	*	3.6	4.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,230	6.6	7.7	1.1	10.9	12.3	1.6	13.2	16.1	3.2
CONDITIONS:										
Acute Myocardial Infarction	36	30.6	31.5	*	33.3	35.2	*	36.1	39.1	*
Congestive Heart Failure	59	16.9	15.7	9.0	33.9	23.5	10.4	37.3	30.3	9.4
Pneumonia/Influenza	70	5.7	16.8	6.6	14.3	22.9	7.5	20.0	28.0	6.7
Chronic Obstructive Pulmonary Disease	16	6.3	9.1	*	18.8	15.2	*	18.8	20.3	*
Transient Cerebral Ischemia	25	0.0	1.7	*	0.0	3.6	*	0.0	5.6	*
Stroke	58	13.8	20.4	7.9	20.7	26.7	10.1	22.4	31.2	12.2
Hip Fracture	41	4.9	7.4	*	9.8	13.3	*	14.6	17.4	*
Sepsis	25	28.0	24.5	*	36.0	33.9	*	36.0	40.4	*
PROCEDURES:										
Angioplasty	35	0.0	2.9	*	0.0	3.9	*	0.0	5.0	*
Coronary Artery Bypass Graft	1	0.0	3.7	*	0.0	4.8	*	0.0	5.5	*
Initial Pacemaker Insertion	15	6.7	3.8	*	6.7	7.1	*	6.7	10.3	*
Carotid Endarterectomy	23	0.0	1.5	*	0.0	2.8	*	4.3	4.1	*
Hip Replacement/Reconstruction	79	2.5	1.7	1.6	2.5	3.3	2.1	3.8	4.4	2.5
Open Reduction of Hip Fracture	11	9.1	7.7	*	27.3	15.0	*	27.3	20.4	*
Prostatectomy	63	0.0	0.7	1.2	1.6	1.6	2.0	1.6	2.7	2.5
Cholecystectomy	61	3.3	2.4	2.6	4.9	4.2	2.6	4.9	5.6	3.1
Hysterectomy	22	0.0	0.8	*	0.0	1.7	*	0.0	2.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

21.1

Medicare Provider #
140091

Carle
Foundation Hospital

January 15, 1991

Ms. Gail R. Wilensky, PhD
Administrator
Department of Health and Human Services
6325 Security Boulevard
Baltimore, MD 21207

Dear Ms. Wilensky:

Carle Foundation Hospital's Medical Staff remains supportive of HCFA's efforts to identify and report quality information to hospitals and the general public. HCFA mortality reports are incorporated into our quality assurance process, and the information is reviewed by our medical staff's quality assurance committee.

We do continue to have concerns about the methodology and, given that you have changed the methodology each year, you must have similar concerns. One of our major concerns regarding this year's report is that it does not include a range of predicted mortality. Using standard deviations, hospitals must calculate the ranges themselves. Unfortunately, as a result of this change, the general public and the media will be focusing on a single number as a predicted rate and, if a hospital's actual rate exceeds the predicated number, the conclusion will be that the hospital is not safe for that particular category.

In our report, there are 3 categories in which our observed rate exceeded the predicted rate. Using the standard deviation, we calculated a predicted range and our actual rates fell well within those ranges. There are eight categories in which the observed rate exceeded the predicted rate, but the number of cases is so small in each that a standard deviation could not be calculated. While we understand that this does not indicate a quality problem, the general public will most likely not get the appropriate message from the media.

A second concern is the 180 day timeframe. We feel that including deaths that occur as long as 180 days from admission does not present an accurate picture of mortality as it relates to hospital care. Thirty days is understandable and has proven very useful in evaluating timeliness, appropriateness and adequacy of discharge planning. However, given the age and health problems of the aged, attributing deaths more than 30 days from a hospitalization is unreasonable.

Finally, the individual cases are listed in numerical order by Medical Record number so one must go through the entire listing, over 2000 cases in our report, to verify the numbers and to identify cases which may need further review. It would be helpful if the cases were listed in groups, by category and/or procedure.

We will attempt to educate the media about these concerns. At the same time, we do want to encourage your continued efforts to improve and validate mortality as an indicator of clinical quality. Thank you for the opportunity to respond to the report.

Sincerely,

John F. Stoll, M.D.
Medical Director, Quality Assurance,
Utilization Review

JFS:lb

CARLE PAVILION INC

809 W Church St
Champaign, IL 61820

Medicare Provider Number: 140243

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	18	11.1	1.7	*	11.1	3.8	*	11.1	6.0	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	42
Occupancy Rate	38
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	12
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CARLE PAVILION INC

Medicare Provider Number: 140243

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	127	11.0	8.9	3.8	16.5	13.7	4.1	21.3	17.3	4.9
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	7	42.9	16.7	*	42.9	25.5	*	57.1	32.8	*
Pneumonia/Influenza	8	0.0	21.6	*	0.0	28.0	*	0.0	32.9	*
Chronic Obstructive Pulmonary Disease	2	0.0	6.2	*	0.0	10.4	*	0.0	14.5	*
Transient Cerebral Ischemia	3	0.0	1.4	*	0.0	3.1	*	0.0	4.8	*
Stroke	4	25.0	28.0	*	50.0	35.8	*	75.0	42.1	*
Hip Fracture	4	0.0	7.6	*	0.0	14.6	*	25.0	19.1	*
Sepsis	2	0.0	21.3	*	50.0	27.0	*	50.0	32.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	2.3	*	0.0	4.3	*	0.0	5.6	*
Open Reduction of Hip Fracture	3	0.0	7.4	*	0.0	14.8	*	33.3	19.8	*
Prostatectomy	7	0.0	1.4	*	0.0	3.2	*	0.0	5.0	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	267	11.2	9.1	6.0	16.9	14.4	7.1	22.5	18.4	8.9
CONDITIONS:										
Acute Myocardial Infarction	2	100.0	28.3	*	100.0	30.3	*	100.0	32.7	*
Congestive Heart Failure	18	5.6	16.7	*	16.7	25.3	*	22.2	32.6	*
Pneumonia/Influenza	14	21.4	16.0	*	21.4	21.3	*	21.4	25.5	*
Chronic Obstructive Pulmonary Disease	2	0.0	6.0	*	0.0	10.6	*	100.0	14.6	*
Transient Cerebral Ischemia	7	14.3	2.4	*	14.3	5.7	*	14.3	9.3	*
Stroke	9	33.3	19.5	*	55.6	28.0	*	55.6	33.3	*
Hip Fracture	12	8.3	8.1	*	16.7	14.2	*	16.7	18.0	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	3.0	*	0.0	6.2	*	0.0	9.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	3.1	*	0.0	6.0	*	0.0	8.4	*
Open Reduction of Hip Fracture	6	16.7	8.8	*	33.3	16.2	*	33.3	20.7	*
Prostatectomy	10	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*
Cholecystectomy	4	0.0	2.4	*	0.0	4.0	*	0.0	4.8	*
Hysterectomy	2	0.0	0.1	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

23.1

Carle Pavilion
Medicare Provider #
140243

Carle
Carle Foundation Hospital

January 15, 1991

Ms. Gail Wilensky, PhD, Administrator
Department of Health and Human Services
Health Care Financing Administration
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Wilensky:

Thank you for the opportunity to respond to the mortality statistics for Medicare patients treated at our facility. According to the report, we treated 18 Medicare patients and two of them expired. In reviewing the individual cases, we noted that the two deaths occurred after discharge from our facility. One patient was transferred to an acute care facility because he required a type of service not provided at our psychiatric facility. The second patient was discharged home in stable condition, according to our records. Your report indicates he expired two weeks after discharge. Unfortunately, we have no way of knowing why he died.

While we applaud your efforts to quantify quality and inform the general public about your findings, we do have concerns that these reports will not be clearly understood by lay persons. In our report, we treated 18 Medicare patients, a number too low to allow calculation of a standard deviation. Therefore, instead of having a range of predicted mortality, we have a single number, one which is lower than our actual rate. The media may make inappropriate conclusions about the report because they do not understand the methodology used and, also, they may not realize that the two deaths in our facility occurred after discharge.

We encourage you to continue refinement of this process and, until is perfected, to provide the media with appropriate precautions regarding interpretations of an institution's level of care based on this report.

Sincerely,

Robert J. Trefry
Executive Vice President & COO

RJT:lb

CARLINVILLE AREA HOSPITAL

1001 E Morgan St
Carlinville, IL 62626

Medicare Provider Number: 140141

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	406	9.1	9.0	3.1	15.0	13.9	3.3	18.2	17.8	3.8
CONDITIONS:										
Acute Myocardial Infarction	9	55.6	30.9	*	55.6	33.9	*	66.7	37.2	*
Congestive Heart Failure	21	4.8	14.1	*	4.8	21.8	*	23.8	28.2	*
Pneumonia/Influenza	46	15.2	18.1	*	28.3	24.7	*	30.4	29.8	*
Chronic Obstructive Pulmonary Disease	10	0.0	3.6	*	0.0	7.4	*	0.0	10.9	*
Transient Cerebral Ischemia	17	5.9	2.3	*	5.9	5.0	*	5.9	8.0	*
Stroke	18	5.6	18.8	*	11.1	25.5	*	16.7	30.2	*
Hip Fracture	9	44.4	11.1	*	55.6	19.4	*	55.6	24.3	*
Sepsis	2	0.0	19.0	*	0.0	23.8	*	0.0	28.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	50.0	7.0	*	50.0	13.2	*	50.0	17.3	*
Open Reduction of Hip Fracture	3	33.3	16.2	*	66.7	29.0	*	66.7	35.9	*
Prostatectomy	4	0.0	2.2	*	0.0	5.5	*	0.0	8.9	*
Cholecystectomy	4	0.0	2.4	*	0.0	5.2	*	0.0	7.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	50
Occupancy Rate	60
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	29
Medical Residents/Interns	0
Registered Nurses	21
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CARLINVILLE AREA HOSPITAL

Medicare Provider Number: 140141

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	418	8.4	8.5	1.5	12.9	13.5	1.8	17.2	17.4	2.0
CONDITIONS:										
Acute Myocardial Infarction	9	55.6	27.5	*	55.6	31.0	*	55.6	34.6	*
Congestive Heart Failure	26	23.1	14.4	*	34.6	22.5	*	42.3	29.5	*
Pneumonia/Influenza	27	11.1	17.9	*	14.8	24.0	*	18.5	28.6	*
Chronic Obstructive Pulmonary Disease	2	0.0	3.6	*	0.0	6.3	*	0.0	8.8	*
Transient Cerebral Ischemia	15	0.0	2.1	*	0.0	4.6	*	0.0	7.3	*
Stroke	13	30.8	21.4	*	38.5	28.5	*	38.5	33.1	*
Hip Fracture	13	7.7	8.7	*	7.7	16.4	*	15.4	21.3	*
Sepsis	3	33.3	33.5	*	33.3	41.9	*	33.3	48.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	9.8	*	0.0	19.6	*	25.0	25.6	*
Open Reduction of Hip Fracture	5	0.0	6.3	*	0.0	12.4	*	0.0	16.7	*
Prostatectomy	6	0.0	2.8	*	0.0	7.4	*	16.7	12.6	*
Cholecystectomy	8	0.0	1.9	*	0.0	3.2	*	0.0	4.1	*
Hysterectomy	2	0.0	0.7	*	0.0	1.8	*	0.0	2.9	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	426	10.1	8.7	5.5	13.8	13.5	5.3	16.9	17.5	5.4
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	21.0	*	16.7	23.7	*	16.7	26.7	*
Congestive Heart Failure	32	25.0	16.4	*	34.4	25.9	*	34.4	33.7	*
Pneumonia/Influenza	32	0.0	15.0	*	0.0	20.2	*	6.3	24.7	*
Chronic Obstructive Pulmonary Disease	6	0.0	5.3	*	0.0	10.0	*	16.7	14.1	*
Transient Cerebral Ischemia	22	0.0	2.1	*	4.5	4.6	*	4.5	7.5	*
Stroke	22	40.9	26.4	*	50.0	34.0	*	50.0	39.6	*
Hip Fracture	12	25.0	7.6	*	25.0	13.9	*	25.0	18.0	*
Sepsis	4	0.0	20.1	*	0.0	27.8	*	25.0	33.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	25.0	5.9	*	25.0	11.1	*	25.0	14.4	*
Open Reduction of Hip Fracture	3	33.3	10.4	*	33.3	19.9	*	33.3	26.4	*
Prostatectomy	3	0.0	0.8	*	0.0	2.1	*	0.0	3.7	*
Cholecystectomy	6	0.0	3.9	*	0.0	6.1	*	0.0	7.1	*
Hysterectomy	2	0.0	0.3	*	0.0	0.7	*	0.0	1.2	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

CARMI TOWNSHIP HOSPITAL

Plum and Webb Streets
Carmi, IL 62821

Medicare Provider Number: 140107

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	508	7.1	9.6	1.8	12.0	14.5	2.0	15.9	18.5	2.1
CONDITIONS:										
Acute Myocardial Infarction	21	42.9	28.1	*	47.6	32.0	*	47.6	35.8	*
Congestive Heart Failure	37	8.1	17.8	*	18.9	27.2	*	29.7	34.6	*
Pneumonia/Influenza	34	17.6	22.6	*	23.5	29.9	*	29.4	35.5	*
Chronic Obstructive Pulmonary Disease	11	0.0	6.3	*	9.1	12.9	*	18.2	19.2	*
Transient Cerebral Ischemia	26	0.0	2.2	*	0.0	5.0	*	0.0	8.0	*
Stroke	15	33.3	26.9	*	40.0	35.1	*	40.0	39.9	*
Hip Fracture	1	0.0	3.6	*	0.0	7.2	*	0.0	10.0	*
Sepsis	3	0.0	25.7	*	0.0	39.6	*	0.0	49.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	1.0	*	0.0	2.2	*	0.0	3.6	*
Cholecystectomy	4	0.0	1.4	*	0.0	2.2	*	0.0	2.9	*
Hysterectomy	3	0.0	0.8	*	33.3	1.8	*	33.3	2.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	49
Occupancy Rate	47
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	67
Medical Residents/Interns	0
Registered Nurses	16
Licensed Practical Nurses	13

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CARMI TOWNSHIP HOSPITAL

Medicare Provider Number: 140107

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	532	8.6	10.6	1.5	13.3	16.1	2.0	16.4	20.3	2.4
CONDITIONS:										
Acute Myocardial Infarction	27	25.9	29.8	*	33.3	34.7	*	33.3	38.5	*
Congestive Heart Failure	46	10.9	21.9	*	32.6	31.9	*	37.0	39.1	*
Pneumonia/Influenza	28	25.0	20.1	*	28.6	26.8	*	32.1	31.9	*
Chronic Obstructive Pulmonary Disease	18	22.2	7.5	*	22.2	14.1	*	22.2	19.8	*
Transient Cerebral Ischemia	21	0.0	2.7	*	0.0	6.3	*	0.0	10.0	*
Stroke	17	35.3	23.0	*	41.2	32.5	*	47.1	38.1	*
Hip Fracture	0									
Sepsis	2	0.0	39.5	*	50.0	53.2	*	50.0	63.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	12.9	*	0.0	22.2	*	0.0	29.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	1.7	*	0.0	4.3	*	0.0	7.1	*
Cholecystectomy	7	14.3	5.3	*	14.3	9.4	*	14.3	12.0	*
Hysterectomy	1	0.0	1.3	*	0.0	2.0	*	0.0	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	515	10.1	9.6	3.2	14.2	14.6	4.4	17.1	18.7	5.5
CONDITIONS:										
Acute Myocardial Infarction	20	45.0	28.3	*	45.0	32.5	*	45.0	36.4	*
Congestive Heart Failure	40	17.5	17.8	*	25.0	26.8	*	32.5	34.1	*
Pneumonia/Influenza	23	8.7	16.5	*	17.4	22.5	*	21.7	27.6	*
Chronic Obstructive Pulmonary Disease	12	16.7	8.7	*	25.0	15.0	*	25.0	19.9	*
Transient Cerebral Ischemia	15	0.0	2.6	*	0.0	5.6	*	20.0	9.0	*
Stroke	19	15.8	16.0	*	15.8	22.7	*	15.8	27.1	*
Hip Fracture	3	0.0	6.9	*	0.0	11.1	*	0.0	13.8	*
Sepsis	8	0.0	20.5	*	0.0	32.1	*	0.0	40.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	5.8	*	0.0	9.6	*	0.0	11.9	*
Open Reduction of Hip Fracture	0									
Prostatectomy	4	25.0	3.7	*	50.0	10.1	*	50.0	18.0	*
Cholecystectomy	4	0.0	1.3	*	0.0	2.3	*	0.0	3.0	*
Hysterectomy	2	0.0	2.6	*	0.0	5.4	*	0.0	8.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CENTRAL COMMUNITY HOSPITAL

5701 South Wood Street
Chicago, IL 60636

Medicare Provider Number: 140085

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	315	7.9	8.9	2.0	13.7	13.9	2.2	16.8	17.9	2.4
CONDITIONS:										
Acute Myocardial Infarction	9	44.4	29.7	*	44.4	32.4	*	44.4	35.7	*
Congestive Heart Failure	23	13.0	13.0	*	17.4	20.1	*	17.4	26.4	*
Pneumonia/Influenza	14	0.0	12.5	*	7.1	17.2	*	7.1	21.0	*
Chronic Obstructive Pulmonary Disease	4	0.0	6.3	*	0.0	10.8	*	0.0	14.8	*
Transient Cerebral Ischemia	7	0.0	1.8	*	0.0	4.2	*	0.0	6.8	*
Stroke	8	50.0	19.7	*	62.5	26.6	*	62.5	31.3	*
Hip Fracture	1	0.0	2.8	*	0.0	5.2	*	0.0	7.1	*
Sepsis	1	0.0	30.8	*	0.0	38.2	*	0.0	43.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	14	0.0	1.1	*	0.0	2.6	*	7.1	4.4	*
Cholecystectomy	4	0.0	1.7	*	0.0	2.7	*	0.0	3.3	*
Hysterectomy	2	0.0	0.9	*	0.0	1.4	*	0.0	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	110
Occupancy Rate	49
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	73
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	0
Registered Nurses	47
Licensed Practical Nurses	14

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CENTRAL COMMUNITY HOSPITAL

Medicare Provider Number: 140085

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	376	8.0	9.3	1.8	14.4	13.9	1.8	18.4	17.6	2.5
CONDITIONS:										
Acute Myocardial Infarction	14	28.6	27.2	*	35.7	30.9	*	35.7	34.7	*
Congestive Heart Failure	30	6.7	15.7	*	20.0	23.0	*	23.3	29.4	*
Pneumonia/Influenza	13	7.7	13.6	*	15.4	18.5	*	23.1	22.6	*
Chronic Obstructive Pulmonary Disease	11	0.0	6.6	*	9.1	11.0	*	18.2	14.9	*
Transient Cerebral Ischemia	10	0.0	1.3	*	0.0	2.9	*	0.0	4.7	*
Stroke	19	10.5	18.9	*	21.1	25.3	*	26.3	29.7	*
Hip Fracture	5	0.0	5.3	*	0.0	9.0	*	0.0	11.9	*
Sepsis	1	100.0	22.3	*	100.0	29.3	*	100.0	35.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	33.3	8.3	*	33.3	14.3	*	33.3	18.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	5.2	*	0.0	11.0	*	0.0	17.3	*
Open Reduction of Hip Fracture	2	0.0	3.0	*	0.0	5.1	*	0.0	6.9	*
Prostatectomy	10	10.0	2.1	*	30.0	4.7	*	30.0	7.2	*
Cholecystectomy	6	0.0	2.3	*	0.0	3.8	*	0.0	4.8	*
Hysterectomy	2	0.0	4.2	*	0.0	8.5	*	0.0	12.7	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	389	7.2	9.5	5.0	12.6	14.2	5.2	15.2	17.8	5.7
CONDITIONS:										
Acute Myocardial Infarction	14	14.3	26.8	*	21.4	30.4	*	21.4	33.6	*
Congestive Heart Failure	25	16.0	16.2	*	28.0	23.8	*	32.0	30.3	*
Pneumonia/Influenza	9	0.0	14.4	*	11.1	19.3	*	11.1	23.2	*
Chronic Obstructive Pulmonary Disease	5	40.0	11.7	*	40.0	18.4	*	40.0	23.6	*
Transient Cerebral Ischemia	11	0.0	2.4	*	0.0	5.4	*	0.0	8.4	*
Stroke	6	0.0	32.1	*	16.7	37.2	*	16.7	41.1	*
Hip Fracture	3	0.0	5.9	*	0.0	9.8	*	0.0	12.5	*
Sepsis	3	0.0	35.6	*	66.7	41.9	*	100.0	47.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.9	*	0.0	3.9	*	0.0	6.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	4.6	*	0.0	8.3	*	0.0	11.1	*
Prostatectomy	24	4.2	1.4	*	4.2	3.4	*	12.5	5.7	*
Cholecystectomy	3	0.0	1.7	*	0.0	2.9	*	0.0	3.7	*
Hysterectomy	2	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

CENTRAL COMMUNITY HOSPITAL

335 E 5th Avenue
Clifton, IL 60927

Medicare Provider Number: 140236

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	149	8.7	9.4	3.6	14.1	14.3	5.5	16.1	18.2	4.9
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	38.7	*	50.0	43.9	*	50.0	48.5	*
Congestive Heart Failure	10	0.0	14.5	*	10.0	22.1	*	20.0	28.7	*
Pneumonia/Influenza	11	0.0	14.0	*	27.3	19.2	*	27.3	23.3	*
Chronic Obstructive Pulmonary Disease	4	0.0	6.0	*	0.0	13.0	*	0.0	19.4	*
Transient Cerebral Ischemia	4	0.0	1.7	*	0.0	3.8	*	0.0	6.1	*
Stroke	4	25.0	20.2	*	25.0	25.9	*	25.0	30.4	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.6	*	0.0	1.5	*	0.0	2.6	*
Cholecystectomy	1	0.0	0.9	*	0.0	1.5	*	0.0	1.9	*
Hysterectomy	4	0.0	0.9	*	0.0	2.1	*	0.0	3.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	31
Occupancy Rate	26
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	31
Percent of Physicians Board Certified Specialists	71
Medical Residents/Interns	1
Registered Nurses	10
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CENTRAL COMMUNITY HOSPITAL

Medicare Provider Number: 140236

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	141	9.9	10.2	4.6	16.3	16.0	3.5	19.1	20.4	4.0
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	33.3	*	50.0	38.1	*	50.0	42.3	*
Congestive Heart Failure	12	16.7	14.7	*	33.3	22.8	*	33.3	29.8	*
Pneumonia/Influenza	9	0.0	14.6	*	0.0	20.9	*	0.0	25.5	*
Chronic Obstructive Pulmonary Disease	1	0.0	1.9	*	0.0	3.9	*	0.0	5.4	*
Transient Cerebral Ischemia	8	0.0	3.6	*	0.0	8.1	*	12.5	12.9	*
Stroke	5	60.0	29.2	*	80.0	36.1	*	80.0	41.4	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	1.4	*	0.0	4.0	*	0.0	7.3	*
Cholecystectomy	1	0.0	0.8	*	0.0	1.4	*	0.0	1.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	132	8.3	9.4	3.9	9.1	14.5	4.1	12.9	18.7	4.6
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	32.9	*	33.3	36.8	*	33.3	40.3	*
Congestive Heart Failure	8	25.0	17.8	*	25.0	26.4	*	37.5	33.5	*
Pneumonia/Influenza	7	0.0	17.6	*	0.0	23.0	*	14.3	27.0	*
Chronic Obstructive Pulmonary Disease	2	0.0	4.4	*	0.0	9.5	*	0.0	14.0	*
Transient Cerebral Ischemia	12	8.3	2.7	*	8.3	6.0	*	8.3	9.7	*
Stroke	6	33.3	16.2	*	33.3	21.0	*	33.3	25.3	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	7	0.0	1.8	*	0.0	4.7	*	0.0	8.5	*
Cholecystectomy	1	0.0	1.6	*	0.0	3.0	*	0.0	3.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CENTRAL DUPAGE HOSPITAL

0 N 025 Winfield Road
Winfield, IL 60190

Medicare Provider Number: 140242

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,940	9.0	8.6	0.7	13.1	12.9	1.2	17.1	16.3	1.3
CONDITIONS:										
Acute Myocardial Infarction	60	25.0	28.9	7.1	28.3	32.0	6.6	28.3	35.4	7.8
Congestive Heart Failure	115	13.0	15.2	5.7	19.1	23.2	6.9	25.2	30.0	8.9
Pneumonia/Influenza	77	24.7	17.4	7.4	29.9	23.7	8.5	36.4	28.5	9.6
Chronic Obstructive Pulmonary Disease	18	5.6	6.3	*	5.6	10.4	*	16.7	14.0	*
Transient Cerebral Ischemia	24	0.0	1.7	*	0.0	3.7	*	4.2	6.0	*
Stroke	73	16.4	18.4	4.8	20.5	24.8	6.4	20.5	29.1	7.5
Hip Fracture	54	7.4	7.2	4.0	9.3	13.0	5.5	16.7	16.9	5.1
Sepsis	27	33.3	26.7	*	33.3	35.1	*	37.0	42.1	*
PROCEDURES:										
Angioplasty	17	5.9	3.8	*	5.9	4.6	*	5.9	5.6	*
Coronary Artery Bypass Graft	23	13.0	5.8	*	13.0	7.6	*	13.0	8.6	*
Initial Pacemaker Insertion	18	5.6	7.2	*	5.6	11.9	*	5.6	15.8	*
Carotid Endarterectomy	3	0.0	1.1	*	0.0	2.0	*	0.0	3.0	*
Hip Replacement/Reconstruction	63	4.8	1.9	3.2	4.8	3.5	3.6	7.9	4.7	4.4
Open Reduction of Hip Fracture	27	3.7	5.7	*	3.7	10.8	*	7.4	14.2	*
Prostatectomy	41	0.0	0.6	*	0.0	1.5	*	0.0	2.7	*
Cholecystectomy	53	1.9	2.5	3.0	5.7	4.4	3.0	5.7	5.8	3.2
Hysterectomy	24	4.2	0.5	*	4.2	1.0	*	4.2	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	338
Occupancy Rate	67
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	268
Percent of Physicians Board Certified Specialists	71
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

CENTRAL DUPAGE HOSPITAL

Medicare Provider Number: 140242

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,127	8.6	8.2	0.8	12.8	12.5	0.8	16.0	15.8	0.9
CONDITIONS:										
Acute Myocardial Infarction	48	25.0	28.4	*	37.5	31.5	*	37.5	35.0	*
Congestive Heart Failure	106	14.2	14.7	3.5	17.9	22.2	4.8	25.5	28.6	5.0
Pneumonia/Influenza	81	17.3	15.4	5.3	25.9	20.6	9.3	30.9	24.8	8.9
Chronic Obstructive Pulmonary Disease	18	11.1	10.0	*	27.8	15.8	*	27.8	20.6	*
Transient Cerebral Ischemia	27	3.7	1.5	*	3.7	3.1	*	7.4	4.8	*
Stroke	92	21.7	22.3	4.4	30.4	29.9	6.5	33.7	34.9	5.0
Hip Fracture	48	4.2	6.2	*	8.3	11.0	*	14.6	14.1	*
Sepsis	26	19.2	23.3	*	30.8	30.1	*	30.8	35.3	*
PROCEDURES:										
Angioplasty	7	0.0	2.8	*	0.0	3.6	*	0.0	4.5	*
Coronary Artery Bypass Graft	21	19.0	7.4	*	19.0	9.8	*	19.0	11.2	*
Initial Pacemaker Insertion	12	8.3	4.5	*	16.7	7.4	*	16.7	9.9	*
Carotid Endarterectomy	3	0.0	1.5	*	0.0	2.8	*	0.0	4.1	*
Hip Replacement/Reconstruction	53	0.0	1.9	*	0.0	3.6	*	0.0	4.7	*
Open Reduction of Hip Fracture	25	4.0	5.7	*	8.0	10.7	*	12.0	14.2	*
Prostatectomy	76	0.0	0.8	1.2	0.0	2.0	2.4	1.3	3.3	3.3
Cholecystectomy	45	0.0	3.1	*	2.2	5.8	*	4.4	7.7	*
Hysterectomy	22	4.5	0.9	*	4.5	2.0	*	9.1	3.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,070	9.3	8.7	2.2	14.0	13.0	1.9	17.5	16.4	1.0
CONDITIONS:										
Acute Myocardial Infarction	47	36.2	30.3	*	38.3	33.7	*	40.4	37.0	*
Congestive Heart Failure	98	17.3	17.9	5.2	32.7	26.6	7.9	38.8	33.8	8.2
Pneumonia/Influenza	85	20.0	18.9	4.7	30.6	25.3	7.9	35.3	30.4	8.2
Chronic Obstructive Pulmonary Disease	26	3.8	7.8	*	11.5	13.7	*	11.5	18.4	*
Transient Cerebral Ischemia	28	7.1	1.9	*	7.1	4.1	*	7.1	6.4	*
Stroke	87	20.7	20.5	4.8	26.4	27.1	4.9	31.0	31.6	5.7
Hip Fracture	60	10.0	7.6	5.9	15.0	13.2	5.6	18.3	16.8	5.5
Sepsis	26	19.2	27.5	*	30.8	35.6	*	38.5	41.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	10	10.0	6.0	*	10.0	8.1	*	10.0	9.3	*
Initial Pacemaker Insertion	17	0.0	2.9	*	0.0	5.9	*	0.0	8.7	*
Carotid Endarterectomy	7	0.0	1.2	*	14.3	2.3	*	14.3	3.3	*
Hip Replacement/Reconstruction	59	1.7	2.6	2.7	1.7	4.5	4.0	1.7	5.9	4.7
Open Reduction of Hip Fracture	34	11.8	6.0	*	17.6	11.2	*	23.5	14.6	*
Prostatectomy	65	1.5	0.7	1.5	1.5	1.6	1.7	1.5	2.6	2.2
Cholecystectomy	53	3.8	3.2	2.8	7.5	5.4	4.8	9.4	6.9	5.8
Hysterectomy	25	0.0	0.6	*	0.0	1.3	*	0.0	1.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

Central
Dupage
Hospital

January 14, 1991 Reference: 140242

Healthcare Financing Administration
6325 Security Blvd.
Baltimore, Maryland 21207

The following is our response to the Medicare mortality data to be released by the Healthcare Financing Administration (HCFA) for the years 1987, 1988 and 1989. We appreciate the opportunity to have these explanatory comments published with the mortality data.

Although very supportive of the goal of evaluating the quality of care for hospitalized patients, we remain extremely concerned that the publication of the Medicare mortality data will result in potentially misleading comparisons and inaccurate assessments of the relative quality of care provided for hospitalized patients. We believe that the publication of mortality data should only be accomplished if it is accompanied by additional clinical information which describes the overall condition and severity of illness of each patient. We base this request on the widely-accepted truism that the presence of pre-existing chronic diseases or other associated acute diseases exerts a significant influence on the patient's expected mortality and morbidity. Without this supplemental clinical data, the mortality data can easily create confusion and concern.

In reviewing the deaths of Medicare aged patients for 1987, 1988 and 1989, we are able to document the co-existence of disease conditions such as cancer or heart disease in many patients. A perfect illustration of this experience can be seen in reviewing the Medicare hysterectomy data for 1988 and 1989. Our hospital's observed mortality rate for this procedure was 4.2%, or one death, in 1989. Because the HCFA methodology for data presentation categorizes these patients as having undergone the procedure of hysterectomy, there is no reference to an underlying disease of cancer. Without this important patient information, it is possible to draw inaccurate conclusions from the data.

The presence of cancer amongst patients who expired during or after a hospitalization at our hospital is very common. In fact, in reviewing all of the mortalities noted in the HCFA data for our hospital, 40% had an associated diagnosis of cancer.

Another significant shortcoming of the data, especially for the procedure of coronary artery bypass graft, is that it fails to

25 North Winfield Road
Winfield, Illinois 60190
708-682-1600

identify elective versus urgent or emergency procedures. With the development over the past 10 years of community-based cardiology services and the more recent introduction of aggressive cardiac intervention techniques, including the use of streptokinase and other anti-embolic agents, there has been a significant shift to community hospitals for the care of acute cardiac disease. At our hospital many coronary bypass patients go to surgery with unstable angina and/or an intra-aortic balloon pump. These factors result in many of these patients being considered as high risk surgical interventions. Once again, without an adequate understanding of these factors, it is possible to reach inaccurate conclusions from the HCFA data.

The HCFA data also suffer from the problem of small numbers of cases. Once again, by way of illustration we cite the coronary artery bypass graft procedure. Twenty-three Medicare patients underwent this surgery during 1989. There were 3 deaths associated with these cases, representing a mortality rate of 13%. This mortality experience contrasts sharply with the mortality experience for our last 300 open heart surgery cases, including Medicare and non-Medicare patients. For this larger sample of coronary artery bypass procedures, our hospital's mortality experience is 5.4%, which is well within the standards of practice for this procedure.

Although we have grave reservations about the publishing of the HCFA mortality data for the above reasons, we strongly support HCFA's goal of evaluating the effectiveness of medical care. Toward this end, we have devoted much of the past year to implementing a severity of illness system at our hospital. This system will enable each of our patients to be classified on the basis of their severity of illness at admission. Severity is defined as the potential for organ failure and is measured by the presence of anatomic disease and physiologic dysfunction. Once the patient's severity of illness has been determined, it will be possible to make predictions regarding the expected outcome of care. The use of a national data base which compares patients of similar illness severity will enable us to evaluate our individual hospital experience when compared to a national standardized experience. These comparative data should be useful to us in identifying areas for further investigation and improvement.

In summary, we urge caution to those who would be inclined to reach judgments after reviewing the HCFA mortality data. Because the accurate assessment of mortality data is so complicated and potentially misleading, we believe that such data should only be released in conjunction with clinical data describing the overall condition of the patient. At the very least, HCFA should provide the other primary and secondary diagnoses for all mortalities noted in its report. Failure to provide this important clinical information could result in more questions being raised than answered.

David

David S. Fox
Senior Vice President

CENTREVILLE TOWNSHIP HOSPITAL

5900 Bond Avenue
Centreville, IL 62207

Medicare Provider Number: 140077

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	209	7.2	11.3	3.6	11.5	16.0	4.0	19.1	19.6	3.8
CONDITIONS:										
Acute Myocardial Infarction	8	12.5	29.2	*	25.0	32.1	*	37.5	35.7	*
Congestive Heart Failure	23	0.0	11.2	*	0.0	17.2	*	17.4	22.6	*
Pneumonia/Influenza	8	12.5	21.9	*	12.5	30.3	*	37.5	36.5	*
Chronic Obstructive Pulmonary Disease	2	0.0	11.1	*	0.0	16.4	*	0.0	21.0	*
Transient Cerebral Ischemia	7	0.0	1.4	*	0.0	3.1	*	0.0	5.0	*
Stroke	9	11.1	18.5	*	22.2	23.6	*	44.4	27.5	*
Hip Fracture	1	100.0	7.5	*	100.0	10.9	*	100.0	13.1	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	100.0	7.2	*	100.0	10.8	*	100.0	13.0	*
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.4	*	0.0	0.8	*	0.0	1.5	*
Cholecystectomy	1	0.0	1.6	*	0.0	2.7	*	0.0	3.3	*
Hysterectomy	1	0.0	0.6	*	0.0	1.1	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	167
Occupancy Rate	28
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	60
Percent of Physicians Board Certified Specialists	25
Medical Residents/Interns	0
Registered Nurses	53
Licensed Practical Nurses	23

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CENTREVILLE TOWNSHIP HOSPITAL

Medicare Provider Number: 140077

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	217	7.8	8.5	2.0	13.4	12.7	2.3	17.1	16.2	2.9
CONDITIONS:										
Acute Myocardial Infarction	6	50.0	31.9	*	50.0	34.6	*	50.0	38.0	*
Congestive Heart Failure	22	18.2	15.5	*	18.2	23.5	*	27.3	30.0	*
Pneumonia/Influenza	3	0.0	13.5	*	33.3	18.1	*	33.3	22.1	*
Chronic Obstructive Pulmonary Disease	3	0.0	6.8	*	0.0	11.4	*	0.0	15.3	*
Transient Cerebral Ischemia	3	0.0	1.9	*	0.0	4.2	*	0.0	6.6	*
Stroke	10	30.0	24.2	*	40.0	29.3	*	50.0	33.4	*
Hip Fracture	2	0.0	4.7	*	0.0	8.3	*	0.0	11.0	*
Sepsis	1	0.0	32.7	*	0.0	38.4	*	0.0	45.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	4.1	*	0.0	7.4	*	0.0	10.0	*
Open Reduction of Hip Fracture	0									
Prostatectomy	7	0.0	2.7	*	28.6	7.1	*	28.6	12.0	*
Cholecystectomy	1	0.0	8.4	*	100.0	10.4	*	100.0	12.1	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	223	9.0	9.0	2.7	13.5	13.2	3.8	15.2	16.8	8.4
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	29.2	*	40.0	31.5	*	40.0	34.7	*
Congestive Heart Failure	17	29.4	15.3	*	29.4	23.3	*	35.3	29.9	*
Pneumonia/Influenza	12	8.3	16.8	*	25.0	22.2	*	25.0	26.9	*
Chronic Obstructive Pulmonary Disease	4	25.0	6.6	*	25.0	10.7	*	25.0	14.2	*
Transient Cerebral Ischemia	7	0.0	1.9	*	0.0	3.9	*	0.0	6.2	*
Stroke	5	20.0	18.2	*	20.0	23.8	*	40.0	28.0	*
Hip Fracture	4	0.0	7.8	*	0.0	14.3	*	0.0	19.2	*
Sepsis	5	20.0	28.6	*	20.0	37.8	*	20.0	44.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	8.1	*	0.0	15.5	*	0.0	21.3	*
Prostatectomy	7	0.0	1.1	*	14.3	2.6	*	14.3	4.3	*
Cholecystectomy	2	0.0	1.7	*	50.0	2.9	*	50.0	3.7	*
Hysterectomy	3	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

CGH MEDICAL CENTER

1601 First Avenue
Sterling, IL 61081

Medicare Provider Number: 140043

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,304	9.4	8.2	1.4	13.9	12.5	1.6	17.1	15.9	1.6
CONDITIONS:										
Acute Myocardial Infarction	46	30.4	26.8	*	37.0	30.8	*	41.3	34.7	*
Congestive Heart Failure	84	15.5	14.3	4.1	22.6	22.8	4.8	31.0	29.8	5.1
Pneumonia/Influenza	59	15.3	13.6	5.2	18.6	19.1	5.1	20.3	23.5	6.4
Chronic Obstructive Pulmonary Disease	16	6.3	6.4	*	6.3	11.0	*	12.5	14.9	*
Transient Cerebral Ischemia	15	0.0	1.7	*	0.0	4.0	*	6.7	6.6	*
Stroke	52	17.3	21.6	6.7	23.1	28.2	8.1	26.9	32.8	9.7
Hip Fracture	38	7.9	4.6	*	10.5	8.7	*	10.5	11.6	*
Sepsis	18	33.3	20.8	*	38.9	26.6	*	38.9	31.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	0.0	2.0	*	0.0	4.3	*	0.0	6.5	*
Carotid Endarterectomy	1	0.0	1.4	*	0.0	2.5	*	0.0	3.9	*
Hip Replacement/Reconstruction	28	3.6	1.7	*	3.6	3.5	*	3.6	4.9	*
Open Reduction of Hip Fracture	22	9.1	4.8	*	13.6	9.0	*	13.6	12.1	*
Prostatectomy	46	0.0	0.6	*	0.0	1.5	*	0.0	2.5	*
Cholecystectomy	40	2.5	2.1	*	2.5	3.7	*	2.5	4.9	*
Hysterectomy	7	0.0	0.3	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	137
Occupancy Rate	55
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	42
Percent of Physicians Board Certified Specialists	71
Medical Residents/Interns	0
Registered Nurses	136
Licensed Practical Nurses	30

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

CGH MEDICAL CENTER
Medicare Provider Number: 140043

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,337	9.5	7.9	1.1	14.0	12.0	1.2	16.9	15.3	1.4
CONDITIONS:										
Acute Myocardial Infarction	43	27.9	27.2	*	32.6	30.3	*	32.6	33.5	*
Congestive Heart Failure	88	19.3	14.0	6.5	26.1	21.9	6.8	33.0	28.6	6.0
Pneumonia/Influenza	59	15.3	13.2	5.1	20.3	18.4	5.4	22.0	22.5	5.5
Chronic Obstructive Pulmonary Disease	11	0.0	5.6	*	18.2	9.2	*	18.2	12.6	*
Transient Cerebral Ischemia	31	0.0	1.4	*	0.0	3.1	*	0.0	5.1	*
Stroke	42	14.3	17.4	*	23.8	24.4	*	31.0	29.0	*
Hip Fracture	36	11.1	4.8	*	16.7	9.2	*	16.7	12.3	*
Sepsis	13	15.4	19.7	*	15.4	26.2	*	23.1	31.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	3.7	*	0.0	7.2	*	0.0	10.4	*
Carotid Endarterectomy	3	0.0	1.7	*	0.0	3.5	*	0.0	5.1	*
Hip Replacement/Reconstruction	21	4.8	2.3	*	4.8	4.4	*	4.8	5.7	*
Open Reduction of Hip Fracture	19	5.3	3.8	*	5.3	7.8	*	5.3	10.9	*
Prostatectomy	47	2.1	0.7	*	4.3	1.8	*	4.3	3.1	*
Cholecystectomy	30	0.0	1.7	*	6.7	3.2	*	13.3	4.4	*
Hysterectomy	12	0.0	0.4	*	0.0	0.9	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,221	9.8	7.7	4.3	14.9	11.8	5.8	17.8	15.2	5.7
CONDITIONS:										
Acute Myocardial Infarction	40	40.0	28.3	*	47.5	31.3	*	47.5	34.5	*
Congestive Heart Failure	86	26.7	14.5	6.5	32.6	22.3	6.3	37.2	29.2	6.0
Pneumonia/Influenza	44	15.9	12.6	*	18.2	17.6	*	20.5	21.8	*
Chronic Obstructive Pulmonary Disease	9	22.2	8.3	*	33.3	12.9	*	33.3	16.8	*
Transient Cerebral Ischemia	39	10.3	1.8	*	10.3	4.1	*	12.8	6.4	*
Stroke	50	14.0	17.9	*	24.0	25.3	*	28.0	30.2	*
Hip Fracture	27	11.1	5.9	*	18.5	11.7	*	18.5	15.9	*
Sepsis	10	10.0	18.3	*	20.0	24.9	*	30.0	30.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	5.4	*	0.0	9.8	*	0.0	13.2	*
Carotid Endarterectomy	2	0.0	1.2	*	0.0	2.3	*	0.0	3.4	*
Hip Replacement/Reconstruction	26	0.0	2.4	*	3.8	4.9	*	3.8	6.8	*
Open Reduction of Hip Fracture	14	14.3	4.5	*	14.3	8.9	*	14.3	12.2	*
Prostatectomy	26	0.0	1.1	*	0.0	2.8	*	3.8	4.7	*
Cholecystectomy	16	0.0	1.8	*	0.0	3.0	*	0.0	3.7	*
Hysterectomy	12	8.3	1.3	*	8.3	2.4	*	8.3	3.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CHICAGO OSTEOPATHIC MEDICAL CENTER

5200 S Ellis Avenue
Chicago, IL 60615

Medicare Provider Number: 140172

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,961	10.5	10.3	0.7	16.5	16.0	1.0	21.6	20.3	1.4
CONDITIONS:										
Acute Myocardial Infarction	43	32.6	27.6	*	41.9	31.3	*	44.2	34.6	*
Congestive Heart Failure	128	10.9	13.2	6.2	17.2	20.8	5.4	26.6	27.3	4.9
Pneumonia/Influenza	60	18.3	15.0	7.5	23.3	20.8	6.1	25.0	25.4	5.7
Chronic Obstructive Pulmonary Disease	29	13.8	10.2	*	31.0	17.4	*	34.5	23.2	*
Transient Cerebral Ischemia	27	0.0	2.0	*	3.7	4.6	*	3.7	7.4	*
Stroke	66	10.6	18.6	9.7	19.7	25.8	9.2	25.8	30.3	9.0
Hip Fracture	26	3.8	8.2	*	11.5	14.6	*	19.2	18.9	*
Sepsis	61	49.2	37.1	10.4	57.4	46.8	9.9	62.3	53.9	8.7
PROCEDURES:										
Angioplasty	18	0.0	2.5	*	0.0	3.3	*	0.0	4.3	*
Coronary Artery Bypass Graft	22	4.5	5.7	*	4.5	8.3	*	9.1	9.9	*
Initial Pacemaker Insertion	14	0.0	3.8	*	0.0	6.5	*	0.0	9.1	*
Carotid Endarterectomy	6	0.0	1.4	*	0.0	2.4	*	0.0	3.6	*
Hip Replacement/Reconstruction	17	0.0	2.5	*	5.9	5.3	*	5.9	7.7	*
Open Reduction of Hip Fracture	15	6.7	8.2	*	13.3	15.0	*	26.7	19.5	*
Prostatectomy	56	1.8	1.1	2.2	5.4	2.6	4.0	7.1	4.3	5.3
Cholecystectomy	26	7.7	2.9	*	7.7	5.4	*	11.5	7.3	*
Hysterectomy	3	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1989

Total Beds	300
Ownership/Control	Private, Non-Profit

STAFFING:

Medical Residents/Interns	199
Registered Nurses	172
Licensed Practical Nurses	68

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

CHICAGO OSTEOPATHIC MEDICAL CENTER

Medicare Provider Number: 140172

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,182	12.6	11.3	0.8	18.3	17.2	0.9	22.5	21.6	1.1
CONDITIONS:										
Acute Myocardial Infarction	46	34.8	32.5	*	45.7	36.2	*	50.0	39.7	*
Congestive Heart Failure	127	15.0	16.9	3.5	20.5	25.7	4.9	26.8	32.8	5.2
Pneumonia/Influenza	80	20.0	21.6	4.7	23.7	29.1	5.6	28.7	34.4	6.1
Chronic Obstructive Pulmonary Disease	17	17.6	13.2	*	17.6	20.7	*	23.5	26.5	*
Transient Cerebral Ischemia	32	0.0	2.6	*	0.0	5.7	*	0.0	9.0	*
Stroke	75	14.7	17.6	6.0	24.0	24.5	5.0	29.3	28.9	5.5
Hip Fracture	36	11.1	8.9	*	22.2	16.2	*	30.6	20.9	*
Sepsis	74	39.2	29.5	11.3	45.9	39.0	11.3	51.4	46.0	9.7
PROCEDURE:										
Angioplasty	20	10.0	2.7	*	10.0	3.3	*	10.0	4.1	*
Coronary Artery Bypass Graft	28	7.1	5.5	*	10.7	7.4	*	10.7	8.7	*
Initial Pacemaker Insertion	12	8.3	6.0	*	16.7	9.5	*	16.7	12.7	*
Carotid Endarterectomy	2	0.0	1.5	*	0.0	3.2	*	0.0	4.7	*
Hip Replacement/Reconstruction	18	0.0	3.8	*	0.0	7.5	*	5.6	10.2	*
Open Reduction of Hip Fracture	22	9.1	7.8	*	18.2	15.1	*	22.7	20.1	*
Prostatectomy	62	1.6	0.9	1.4	3.2	2.2	2.2	3.2	3.6	2.4
Cholecystectomy	19	10.5	4.3	*	15.8	7.2	*	15.8	9.0	*
Hysterectomy	15	0.0	1.2	*	0.0	2.7	*	6.7	4.2	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,989	9.7	9.9	0.8	14.6	15.7	1.5	18.7	20.0	2.0
CONDITIONS:										
Acute Myocardial Infarction	33	30.3	29.0	*	36.4	32.4	*	39.4	35.8	*
Congestive Heart Failure	122	11.5	15.8	5.3	20.5	23.7	5.6	26.2	30.2	6.0
Pneumonia/Influenza	76	11.8	18.1	8.7	18.4	24.3	8.0	23.7	29.3	7.6
Chronic Obstructive Pulmonary Disease	19	21.1	17.4	*	31.6	28.7	*	31.6	36.7	*
Transient Cerebral Ischemia	25	8.0	1.8	*	8.0	3.8	*	8.0	5.8	*
Stroke	75	20.0	21.3	4.9	26.7	28.4	5.4	34.7	32.8	6.0
Hip Fracture	29	6.9	7.9	*	10.3	14.2	*	20.7	18.3	*
Sepsis	52	21.2	23.7	6.3	32.7	33.5	7.1	38.5	39.9	8.5
PROCEDURES:										
Angioplasty	16	0.0	6.1	*	0.0	7.5	*	0.0	9.0	*
Coronary Artery Bypass Graft	30	6.7	7.3	*	6.7	10.5	*	6.7	12.4	*
Initial Pacemaker Insertion	17	0.0	2.1	*	0.0	4.8	*	0.0	7.6	*
Carotid Endarterectomy	4	0.0	1.6	*	0.0	2.9	*	25.0	4.1	*
Hip Replacement/Reconstruction	23	0.0	3.9	*	0.0	7.3	*	4.3	9.5	*
Open Reduction of Hip Fracture	17	11.8	7.2	*	17.6	13.5	*	35.3	17.7	*
Prostatectomy	50	2.0	1.2	*	2.0	2.7	*	2.0	4.5	*
Cholecystectomy	7	0.0	5.6	*	0.0	11.3	*	0.0	15.7	*
Hysterectomy	8	12.5	1.5	*	12.5	3.5	*	12.5	5.3	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

20201 South Crawford
Olympia Fields, Illinois 60461

(312) 747-4000
(312) 481-2990 Billing Office

OLYMPIA FIELDS OSTEOPATHIC MEDICAL CENTER

Provider #140172

January 14, 1991

Gail R. Wilensky, Ph.D.
Administrator
Dept. Health & Human Services
6325 Security Blvd.
Baltimore, MD 21207

Dear Ms. Wilensky:

This is in reply to your communication of December 6, 1990, supplying annual HCFA mortality data to the Chicago Osteopathic Medical Center (AKA - Chicago Osteopathic Hospitals & Medical Centers). Following a detailed analysis of the information given us, we are proud to report:

- At the "all cause" level COHMC's "observed" rate is either equal to, or better than, the predicted rate.

- Upon review of the category of conditions, COHMC's are significantly below the predicted rate in a majority of the areas listed. However, for the condition of "sepsis," the gross HCFA rates revealed COHMC's to be higher than predicted. After investigation and statistical analysis utilizing your recommended methodology, we concluded that the data indicated the difference in observed mortality and predicted mortality is due to chance and does not represent a significant statistical difference. This indicates that the difference is not meaningful and, therefore, does not represent a quality issue. The difference between "observed" and "predicted" mortality is explainable by factors that appear to select out a population of patients that are most likely to incur mortality. Review of data revealed that the group of patients with sepsis represented severely ill patients who were: 1) very elderly (average age greater than 82); 2) had significant Institute of Medicine Risk Category (Category 14); 3) co-morbidities - 63% had the presence of the following conditions: cancer, chronic cardiovascular disease, liver and renal disease; and 4) were admittted into the hospital with sepsis. These patients had a variety of other risk factors, seventy percent (70%) came from nursing homes where severity of underlying illness is significantly higher than in the community at large.

- Upon review of the category of procedures, again COHMC's were either observed below the HCFA predicted rate or the number of procedures were inadequate to draw any significant conclusions.

The mortality rate for the "prostatectomy" group appeared to be higher than the predicted rate, however, the "observed" rate was within the normal standard deviation range.

In conclusion, we appreciate the opportunity to review and analyze the HCFA mortality data for our facilities. Our review has concluded that there are no significant quality issues related to the provision of services to this group of elderly patients. We plan on utilizing the data in support of our continuing education program to our hospital medical staff.

Sincerely,

Lawrence U. Haspel, D.O., F.A.C.O.I.
Executive Vice President
Hospital Operations, COHS

5157p

CHRIST HOSPITAL

4440 W 95th Street
Oak Lawn, IL 60453

Medicare Provider Number: 140208

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	5,366	11.5	10.8	0.5	17.8	15.9	1.0	22.0	19.9	0.8
CONDITIONS:										
Acute Myocardial Infarction	218	26.1	27.8	3.5	32.1	31.1	3.6	36.2	34.5	3.5
Congestive Heart Failure	299	19.4	15.0	3.0	29.1	23.2	3.7	37.1	30.1	4.3
Pneumonia/Influenza	229	18.3	18.1	4.2	27.5	24.3	5.8	32.3	29.1	5.0
Chronic Obstructive Pulmonary Disease	36	8.3	10.6	*	13.9	16.3	*	19.4	21.2	*
Transient Cerebral Ischemia	90	5.6	1.9	3.1	10.0	4.1	4.1	14.4	6.5	4.1
Stroke	209	20.6	21.5	3.0	27.8	27.9	3.1	33.0	32.3	3.3
Hip Fracture	125	7.2	6.6	2.3	12.0	11.7	3.1	15.2	15.1	3.2
Sepsis	100	41.0	30.7	6.8	51.0	38.8	7.8	54.0	45.1	7.6
PROCEDURES:										
Angioplasty	70	5.7	5.2	2.7	7.1	6.5	3.3	7.1	8.0	4.1
Coronary Artery Bypass Graft	138	4.3	6.8	3.5	6.5	9.3	4.2	6.5	10.8	4.0
Initial Pacemaker Insertion	38	10.5	3.6	*	13.2	6.7	*	13.2	9.7	*
Carotid Endarterectomy	16	0.0	1.2	*	0.0	2.1	*	0.0	3.2	*
Hip Replacement/Reconstruction	91	3.3	3.2	1.9	6.6	5.9	2.5	8.8	7.9	3.5
Open Reduction of Hip Fracture	67	7.5	6.1	3.3	11.9	11.3	4.1	14.9	14.8	4.4
Prostatectomy	116	1.7	0.9	1.2	2.6	2.2	1.5	5.2	3.7	2.5
Cholecystectomy	91	1.1	3.3	3.0	2.2	5.8	4.3	5.5	7.5	4.3
Hysterectomy	40	0.0	0.7	*	0.0	1.4	*	0.0	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	824
Occupancy Rate	71
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	314
Percent of Physicians Board Certified Specialists	81
Medical Residents/Interns	67
Registered Nurses	1,072
Licensed Practical Nurses	34

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

CHRIST HOSPITAL

Medicare Provider Number: 140208

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	5,505	10.8	10.9	0.6	16.6	16.1	0.6	20.6	20.1	0.8
CONDITIONS:										
Acute Myocardial Infarction	218	23.4	27.6	3.6	31.2	30.7	3.3	34.4	34.2	3.5
Congestive Heart Failure	318	18.6	16.4	3.4	27.4	24.8	4.3	32.7	31.6	4.0
Pneumonia/Influenza	220	21.4	18.1	5.1	26.8	24.3	4.6	29.5	29.1	3.7
Chronic Obstructive Pulmonary Disease	38	5.3	12.9	*	13.2	20.5	*	18.4	26.4	*
Transient Cerebral Ischemia	103	1.0	2.2	1.9	3.9	4.8	2.3	3.9	7.6	4.3
Stroke	215	15.8	20.7	3.3	27.0	27.6	3.1	31.2	32.1	3.2
Hip Fracture	152	3.9	7.0	2.8	8.6	12.3	3.3	12.5	15.6	3.5
Sepsis	115	33.0	29.2	5.9	42.6	38.2	5.4	48.7	44.7	5.6
PROCEDURES:										
Angioplasty	58	0.0	5.3	4.2	1.7	6.4	4.3	1.7	7.6	4.8
Coronary Artery Bypass Graft	110	2.7	7.8	3.8	3.6	10.0	4.5	4.5	11.2	4.6
Initial Pacemaker Insertion	34	2.9	3.0	*	2.9	5.8	*	2.9	8.5	*
Carotid Endarterectomy	18	0.0	1.5	*	0.0	2.7	*	0.0	3.9	*
Hip Replacement/Reconstruction	125	2.4	2.7	1.5	3.2	5.1	2.4	4.0	6.7	3.1
Open Reduction of Hip Fracture	82	2.4	6.2	3.3	7.3	11.4	4.0	13.4	14.6	4.0
Prostatectomy	161	0.0	0.8	1.1	1.2	2.0	1.3	3.1	3.3	1.4
Cholecystectomy	86	0.0	3.0	4.2	5.8	5.3	3.1	8.1	6.9	4.2
Hysterectomy	40	0.0	0.9	*	5.0	1.8	*	5.0	2.6	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,959	10.3	10.8	0.9	15.8	16.0	1.1	20.3	19.9	2.0
CONDITIONS:										
Acute Myocardial Infarction	197	20.8	29.3	4.7	23.4	32.8	4.6	27.9	36.3	4.5
Congestive Heart Failure	262	14.5	16.7	2.8	22.1	25.1	3.4	31.3	32.0	2.9
Pneumonia/Influenza	203	15.8	18.7	4.5	22.7	25.4	5.0	26.1	30.5	6.8
Chronic Obstructive Pulmonary Disease	72	12.5	10.4	4.1	16.7	17.1	4.5	20.8	22.2	5.7
Transient Cerebral Ischemia	103	1.0	2.2	1.9	1.9	4.8	3.6	4.9	7.6	4.8
Stroke	217	22.6	22.5	3.1	32.7	29.3	4.6	37.8	33.9	5.3
Hip Fracture	134	7.5	7.3	2.5	14.2	12.8	3.7	18.7	16.3	5.3
Sepsis	98	28.6	29.1	4.7	33.7	37.8	7.0	50.0	44.5	5.7
PROCEDURES:										
Angioplasty	32	3.1	4.6	*	3.1	5.6	*	3.1	6.8	*
Coronary Artery Bypass Graft	102	3.9	8.9	4.2	3.9	11.6	4.4	6.9	13.0	4.2
Initial Pacemaker Insertion	35	8.6	4.9	*	8.6	8.7	*	11.4	11.8	*
Carotid Endarterectomy	14	0.0	2.0	*	7.1	3.8	*	7.1	5.5	*
Hip Replacement/Reconstruction	91	4.4	4.3	2.1	7.7	8.1	3.3	13.2	10.7	4.9
Open Reduction of Hip Fracture	64	4.7	6.4	4.4	12.5	11.7	4.1	12.5	15.0	5.1
Prostatectomy	131	3.8	1.0	1.8	4.6	2.3	2.1	6.1	3.7	2.2
Cholecystectomy	107	2.8	3.8	2.1	5.6	6.7	2.8	5.6	8.5	3.6
Hysterectomy	41	0.0	1.9	*	7.3	3.0	*	7.3	3.9	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

CLAY COUNTY HOSPITAL

700 N Mill St
Flora, IL 62839

Medicare Provider Number: 140016

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	338	8.9	10.0	2.6	12.7	14.6	4.1	14.8	18.3	5.1
CONDITIONS:										
Acute Myocardial Infarction	15	26.7	25.5	*	46.7	29.2	*	46.7	32.8	*
Congestive Heart Failure	37	8.1	13.3	*	10.8	20.5	*	13.5	26.9	*
Pneumonia/Influenza	18	5.6	14.1	*	5.6	19.1	*	5.6	23.3	*
Chronic Obstructive Pulmonary Disease	4	25.0	4.5	*	25.0	8.5	*	25.0	12.4	*
Transient Cerebral Ischemia	8	0.0	1.4	*	0.0	3.2	*	0.0	5.3	*
Stroke	26	15.4	19.3	*	23.1	26.2	*	23.1	30.9	*
Hip Fracture	1	0.0	8.5	*	0.0	14.5	*	0.0	18.0	*
Sepsis	5	0.0	18.3	*	0.0	22.6	*	0.0	27.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.0	*	0.0	1.7	*	0.0	2.3	*
Hysterectomy	4	0.0	0.7	*	0.0	1.5	*	0.0	2.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	40
Occupancy Rate	28
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	10
Percent of Physicians Board Certified Specialists	70
Medical Residents/Interns	0
Registered Nurses	29
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

** Not used in calculating hospital mortality rates.

CLAY COUNTY HOSPITAL

Medicare Provider Number: 140016

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	279	14.7	11.4	2.2	19.7	16.4	3.0	21.5	20.5	2.6
CONDITIONS:										
Acute Myocardial Infarction	15	40.0	28.6	*	46.7	32.7	*	46.7	36.7	*
Congestive Heart Failure	23	21.7	15.2	*	30.4	23.3	*	30.4	30.1	*
Pneumonia/Influenza	29	6.9	15.9	*	6.9	21.4	*	6.9	25.8	*
Chronic Obstructive Pulmonary Disease	2	50.0	14.2	*	50.0	26.2	*	50.0	34.8	*
Transient Cerebral Ischemia	4	0.0	1.4	*	25.0	3.2	*	25.0	5.0	*
Stroke	15	13.3	21.9	*	20.0	28.2	*	20.0	32.8	*
Hip Fracture	0									
Sepsis	4	50.0	33.9	*	50.0	39.4	*	50.0	45.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	0.0	1.1	*	0.0	2.1	*	0.0	3.0	*
Hysterectomy	3	0.0	1.2	*	0.0	2.9	*	0.0	4.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	245	17.1	11.8	7.1	21.2	17.1	6.1	24.5	21.2	5.1
CONDITIONS:										
Acute Myocardial Infarction	14	57.1	30.8	*	57.1	33.3	*	57.1	36.3	*
Congestive Heart Failure	26	15.4	16.0	*	19.2	24.4	*	26.9	31.3	*
Pneumonia/Influenza	22	40.9	19.1	*	40.9	25.4	*	40.9	30.1	*
Chronic Obstructive Pulmonary Disease	4	25.0	4.9	*	25.0	9.8	*	25.0	14.4	*
Transient Cerebral Ischemia	5	0.0	2.2	*	0.0	4.8	*	0.0	7.9	*
Stroke	8	37.5	24.7	*	50.0	31.9	*	50.0	36.8	*
Hip Fracture	6	16.7	7.4	*	50.0	13.5	*	50.0	17.3	*
Sepsis	2	0.0	17.2	*	50.0	27.1	*	50.0	33.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	20.0	7.8	*	60.0	14.7	*	60.0	18.9	*
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.2	*	0.0	2.3	*	0.0	2.9	*
Hysterectomy	2	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

COLUMBUS HOSPITAL

2520 N Lakeview Avenue
Chicago, IL 60614

Medicare Provider Number: 140090

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,589	9.3	9.5	0.9	15.5	15.1	1.2	19.6	19.6	1.1
CONDITIONS:										
Acute Myocardial Infarction	31	32.3	28.9	*	35.5	32.4	*	38.7	36.0	*
Congestive Heart Failure	70	21.4	15.8	5.8	38.6	24.9	7.8	42.9	32.1	7.9
Pneumonia/Influenza	69	18.8	15.3	4.7	24.6	20.8	5.2	27.5	25.2	5.3
Chronic Obstructive Pulmonary Disease	26	0.0	8.3	*	15.4	14.5	*	19.2	20.1	*
Transient Cerebral Ischemia	26	0.0	1.7	*	3.8	3.9	*	3.8	6.3	*
Stroke	48	10.4	19.0	*	18.8	25.6	*	22.9	30.2	*
Hip Fracture	24	0.0	6.6	*	4.2	11.6	*	20.8	14.9	*
Sepsis	23	39.1	28.8	*	47.8	41.1	*	56.5	48.4	*
PROCEDURES:										
Angioplasty	4	0.0	2.5	*	0.0	3.4	*	0.0	4.6	*
Coronary Artery Bypass Graft	15	6.7	5.5	*	13.3	7.7	*	13.3	9.1	*
Initial Pacemaker Insertion	4	0.0	1.8	*	0.0	3.5	*	0.0	5.3	*
Carotid Endarterectomy	6	0.0	1.2	*	0.0	2.5	*	0.0	3.9	*
Hip Replacement/Reconstruction	16	0.0	3.2	*	6.3	5.9	*	12.5	7.8	*
Open Reduction of Hip Fracture	7	0.0	6.0	*	0.0	11.2	*	42.9	14.8	*
Prostatectomy	44	2.3	1.3	*	4.5	3.3	*	9.1	5.6	*
Cholecystectomy	17	5.9	4.8	*	23.5	7.3	*	23.5	8.9	*
Hysterectomy	10	0.0	0.9	*	0.0	1.8	*	0.0	2.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	311
Occupancy Rate	67
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	344
Percent of Physicians Board Certified Specialists	92
Medical Residents/Interns	41
Registered Nurses	200
Licensed Practical Nurses	17

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

** Not used in calculating hospital mortality rates.

COLUMBUS HOSPITAL

Medicare Provider Number: 140090

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,869	8.8	9.6	0.9	15.6	15.4	0.9	20.0	19.8	0.9
CONDITIONS:										
Acute Myocardial Infarction	37	27.0	35.1	*	35.1	38.7	*	45.9	42.7	*
Congestive Heart Failure	82	14.6	16.5	4.4	30.5	24.8	6.5	39.0	31.5	8.0
Pneumonia/Influenza	70	24.3	19.7	9.7	34.3	27.1	10.3	38.6	32.1	10.6
Chronic Obstructive Pulmonary Disease	16	12.5	6.9	*	25.0	12.2	*	31.3	16.7	*
Transient Cerebral Ischemia	23	4.3	2.3	*	8.7	4.9	*	8.7	7.7	*
Stroke	54	5.6	19.6	7.0	14.8	26.3	7.1	18.5	31.0	7.8
Hip Fracture	23	4.3	6.9	*	8.7	12.4	*	8.7	15.9	*
Sepsis	24	25.0	26.8	*	41.7	35.8	*	45.8	42.2	*
PROCEDURES:										
Angioplasty	4	25.0	4.2	*	25.0	4.9	*	25.0	5.8	*
Coronary Artery Bypass Graft	18	0.0	6.9	*	0.0	8.4	*	0.0	9.6	*
Initial Pacemaker Insertion	5	0.0	1.8	*	0.0	4.0	*	20.0	6.4	*
Carotid Endarterectomy	3	0.0	1.4	*	0.0	2.6	*	0.0	3.9	*
Hip Replacement/Reconstruction	12	8.3	7.4	*	16.7	14.5	*	16.7	19.5	*
Open Reduction of Hip Fracture	8	0.0	5.3	*	0.0	9.7	*	0.0	12.8	*
Prostatectomy	54	5.6	2.1	3.3	9.3	4.2	5.4	13.0	6.4	7.2
Cholecystectomy	21	9.5	2.8	*	14.3	5.5	*	19.0	7.5	*
Hysterectomy	11	0.0	1.3	*	0.0	2.5	*	0.0	3.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,658	9.2	9.7	0.9	15.7	15.3	1.0	19.3	19.6	1.3
CONDITIONS:										
Acute Myocardial Infarction	39	23.1	29.5	*	28.2	32.8	*	33.3	36.3	*
Congestive Heart Failure	80	12.5	15.3	6.0	21.2	23.3	5.4	27.5	30.1	6.9
Pneumonia/Influenza	46	17.4	18.7	*	21.7	25.2	*	23.9	30.0	*
Chronic Obstructive Pulmonary Disease	22	9.1	12.3	*	18.2	20.9	*	22.7	27.2	*
Transient Cerebral Ischemia	30	0.0	1.7	*	0.0	3.5	*	6.7	5.6	*
Stroke	46	19.6	21.6	*	23.9	28.3	*	26.1	32.8	*
Hip Fracture	43	9.3	8.3	*	16.3	13.9	*	20.9	17.3	*
Sepsis	9	44.4	30.4	*	66.7	43.1	*	66.7	50.9	*
PROCEDURES:										
Angioplasty	1	100.0	1.8	*	100.0	2.4	*	100.0	3.3	*
Coronary Artery Bypass Graft	22	18.2	7.2	*	22.7	10.0	*	22.7	11.5	*
Initial Pacemaker Insertion	12	0.0	3.3	*	0.0	7.3	*	16.7	11.3	*
Carotid Endarterectomy	5	0.0	1.8	*	0.0	3.2	*	0.0	4.5	*
Hip Replacement/Reconstruction	19	5.3	4.0	*	10.5	6.8	*	15.8	8.7	*
Open Reduction of Hip Fracture	19	10.5	8.4	*	15.8	14.6	*	15.8	18.2	*
Prostatectomy	57	1.8	1.3	1.6	1.8	3.3	2.7	3.5	5.6	3.5
Cholecystectomy	22	4.5	2.3	*	4.5	3.8	*	4.5	5.0	*
Hysterectomy	10	0.0	1.3	*	0.0	2.7	*	0.0	4.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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Columbus Hospital

2520 North Lakeview Avenue
Chicago, Illinois 60614
(312) 883-7300

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, MD 21207

January 9, 1990

Dear Mrs. Kappert:

Your letter of December 6, 1990 with the Annual Medicare Hospital Mortality information for 1989 was referred to both the Utilization Review Committee and and Quality Assurance Committee of Columbus Hospital for review of the data.

The overall data of total mortality predicted in all categories at Columbus Hospital is well within the predicted range. The only categories which indicated a slight deviation involved patients with Congestive Heart Failure and Pneumonia/Influenza. When the appropriate DRG codes were correlated to the specific patients involved, it appeared quite clear that these categories contained a disproportionately high number of patients considered to be very elderly (ages 80 to 100) with moderately severe and very severe cardiopulmonary disorders. We feel this accounts for the minimal deviation in observed mortality rates. Analysis on the basis of DRG codes alone is really meaningless in what is a diverse patient population.

As always, the Governing Board and Medical Staff of Columbus Hospital are committed to providing the highest level of quality care to all patients, have taken every possible step to insure that we offer the finest medical care, and will continue to do so.

Sincerely,

Richard Considine, M.D., Chairman
Utilization Review Committee
Columbus Hospital

cc: Erl Dordal, M.D., Executive Medical Director
Columbus Hospital

Columbus-Cabrini Medical Center ▪ Missionary Sisters of the Sacred Heart of Jesus

COMMUNITY HOSPITAL OF OTTAWA

1100 East Norris Drive
Ottawa, IL 61350

Medicare Provider Number: 140110

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	744	12.9	10.1	1.6	18.0	15.3	1.7	21.5	19.4	2.0
CONDITIONS:										
Acute Myocardial Infarction	18	33.3	30.0	*	38.9	33.3	*	38.9	36.8	*
Congestive Heart Failure	48	27.1	15.4	*	43.8	23.5	*	43.8	30.2	*
Pneumonia/Influenza	37	27.0	15.1	*	32.4	21.0	*	37.8	25.6	*
Chronic Obstructive Pulmonary Disease	9	11.1	12.2	*	11.1	18.7	*	11.1	24.2	*
Transient Cerebral Ischemia	10	10.0	1.7	*	10.0	3.7	*	10.0	5.8	*
Stroke	40	20.0	17.9	*	22.5	24.9	*	25.0	29.2	*
Hip Fracture	32	3.1	7.0	*	3.1	12.1	*	6.3	15.2	*
Sepsis	13	15.4	25.7	*	23.1	32.8	*	38.5	38.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	33.3	3.0	*	33.3	6.9	*	33.3	11.0	*
Carotid Endarterectomy	4	0.0	1.2	*	0.0	2.4	*	0.0	3.7	*
Hip Replacement/Reconstruction	16	12.5	4.8	*	18.8	9.4	*	18.8	13.0	*
Open Reduction of Hip Fracture	18	0.0	7.5	*	0.0	13.2	*	5.6	16.6	*
Prostatectomy	28	0.0	1.2	*	0.0	3.0	*	3.6	5.0	*
Cholecystectomy	8	0.0	2.0	*	0.0	3.4	*	0.0	4.2	*
Hysterectomy	3	0.0	1.3	*	0.0	2.9	*	0.0	4.4	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	155
Occupancy Rate	36
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	46
Percent of Physicians Board Certified Specialists	57
Medical Residents/Interns	0
Registered Nurses	117
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

****Not used in calculating hospital mortality rates.**

COMMUNITY HOSPITAL OF OTTAWA

Medicare Provider Number: 140110

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
CATEGORY	NUMBER OF CASES	30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	872	13.5	10.1	1.4	17.4	14.9	1.5	21.6	18.6	1.6
CONDITIONS:										
Acute Myocardial Infarction	32	31.3	30.4	*	34.4	33.7	*	40.6	37.1	*
Congestive Heart Failure	45	26.7	17.2	*	26.7	25.5	*	35.6	32.3	*
Pneumonia/Influenza	38	21.1	16.5	*	28.9	22.3	*	31.6	27.0	*
Chronic Obstructive Pulmonary Disease	13	15.4	7.2	*	15.4	13.5	*	23.1	19.2	*
Transient Cerebral Ischemia	7	14.3	1.9	*	14.3	4.0	*	14.3	6.4	*
Stroke	51	25.5	19.3	8.9	33.3	25.8	8.6	39.2	30.2	9.9
Hip Fracture	32	6.3	7.2	*	12.5	13.2	*	12.5	17.0	*
Sepsis	10	20.0	26.6	*	40.0	35.4	*	40.0	43.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	8.7	*	0.0	12.8	*	20.0	16.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	16	6.3	4.6	*	12.5	9.0	*	12.5	11.9	*
Open Reduction of Hip Fracture	13	7.7	7.4	*	15.4	14.0	*	15.4	18.5	*
Prostatectomy	39	2.6	1.0	*	2.6	2.4	*	5.1	4.0	*
Cholecystectomy	13	0.0	2.7	*	0.0	5.1	*	0.0	6.5	*
Hysterectomy	1	0.0	2.0	*	0.0	4.7	*	0.0	7.9	*

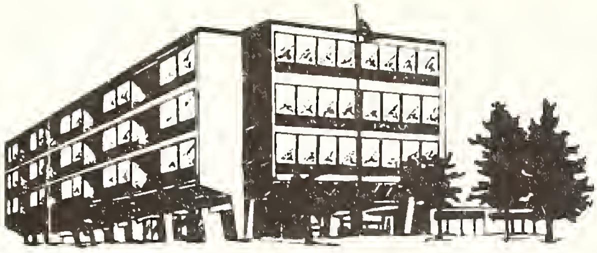
*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
CATEGORY	NUMBER OF CASES	30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	868	12.0	10.0	2.0	16.1	14.9	1.6	18.4	18.8	1.5
CONDITIONS:										
Acute Myocardial Infarction	43	27.9	29.7	*	32.6	33.1	*	39.5	36.4	*
Congestive Heart Failure	48	10.4	16.3	*	14.6	24.0	*	18.8	30.5	*
Pneumonia/Influenza	35	5.7	17.0	*	14.3	23.1	*	14.3	28.0	*
Chronic Obstructive Pulmonary Disease	13	15.4	9.3	*	15.4	15.3	*	15.4	19.9	*
Transient Cerebral Ischemia	8	0.0	2.0	*	0.0	4.3	*	0.0	6.8	*
Stroke	51	29.4	21.4	12.6	35.3	28.7	12.1	39.2	33.4	11.8
Hip Fracture	32	9.4	8.3	*	9.4	14.1	*	9.4	17.7	*
Sepsis	6	16.7	27.9	*	16.7	34.7	*	16.7	39.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	2.4	*	0.0	4.9	*	0.0	7.4	*
Carotid Endarterectomy	1	0.0	1.2	*	0.0	2.2	*	0.0	3.2	*
Hip Replacement/Reconstruction	18	11.1	4.5	*	11.1	8.4	*	11.1	10.9	*
Open Reduction of Hip Fracture	19	5.3	7.9	*	5.3	14.1	*	5.3	17.7	*
Prostatectomy	34	2.9	0.9	*	2.9	2.3	*	2.9	4.0	*
Cholecystectomy	13	0.0	1.3	*	0.0	2.2	*	7.7	2.9	*
Hysterectomy	1	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

47.1



COMMUNITY HOSPITAL OF OTTAWA
1100 E. Norris Dr., Ottawa, IL 61350
(815) 433-3100

January 14, 1991 Medicare Provider #: 140110

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Mrs. Kappert:

The purpose of this letter is to respond to the Medicare hospital mortality data. Using our standard deviation in conjunction with a statistical formula provided by the American Hospital Association (AHA), it was concluded that Community Hospital of Ottawa's observed mortality rate for "all causes" fell within the expected rate (national average) for 30, 90 and 180 days. Furthermore, this formula also allowed us to conclude that we can be 95% confident that our observed mortality rate for "all causes" is an expected rate for our hospital. The observed and predicted mortality rates which appear under "conditions" and "procedures" are unreliable due to the small numbers of cases or deaths for those categories, and therefore cannot be interpreted.

A review of the 75 Medicare patients who expired in our facility during HCFA's review period of October 1, 1988, through September 30, 1989, revealed the following information:

- The average age of those patients who expired at Community Hospital of Ottawa during this time period was 79.5.
- 31.6% of the patients who expired were transferred from local nursing homes.
- 83% of the nursing home patients had a "Do Not Resuscitate" order as a result of their own or families wishes. This means that no heroic measures were to be taken in the event of a cardiac or respiratory arrest.
- 85% of the total patients had a "Do Not Resuscitate" order.
- 30% of the patients were previously diagnosed with terminal cancer

COMMUNITY HOSPITAL OF OTTAWA
1100 E. Norris Dr., Ottawa, IL 61350
(815) 433-3100

Medicare Provider #: 140110

It should also be noted that our hospital receives patients from four local nursing homes for a total of approximately 445 nursing home beds. This constitutes a large number of nursing home patients for a community of our size. This is also of importance when considering that HCFA's statistics include not only Medicare patients who expire while in the hospital, but also those Medicare patients who expire within 30, 90 or 180 days after discharge from the hospital.

Basically, the statistics in themselves cannot be used as an indicator of the quality of care a hospital provides to its patients, since they do not provide the consumer with any information or answers regarding patterns of care. Through Community Hospital of Ottawa's internal quality assurance program, 100% of mortality cases are reviewed by physician reviewers. Using established criteria, the review is intended to determine if appropriate care was given and is sensitive to patterns and trends which may require further evaluation and follow-up.

Sincerely,

Robert I. Schmelter,
President/CEO.

COMMUNITY MEMORIAL HOSPITAL

1000 W Harlem Ave
Monmouth, IL 61462

Medicare Provider Number: 140047

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	464	13.1	10.6	2.3	17.2	15.5	2.3	19.8	19.3	1.9
CONDITIONS:										
Acute Myocardial Infarction	13	30.8	29.4	*	38.5	32.5	*	38.5	36.0	*
Congestive Heart Failure	46	19.6	15.7	*	26.1	24.5	*	32.6	31.7	*
Pneumonia/Influenza	33	12.1	16.5	*	15.2	22.5	*	18.2	27.3	*
Chronic Obstructive Pulmonary Disease	1	100.0	11.2	*	100.0	16.5	*	100.0	21.2	*
Transient Cerebral Ischemia	7	0.0	1.8	*	0.0	4.1	*	0.0	6.6	*
Stroke	32	31.3	24.0	*	34.4	31.0	*	37.5	35.8	*
Hip Fracture	23	17.4	6.9	*	21.7	12.6	*	30.4	16.5	*
Sepsis	3	0.0	19.3	*	0.0	23.5	*	0.0	28.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.4	*	0.0	3.1	*	0.0	5.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	33.3	5.5	*	33.3	10.5	*	33.3	14.0	*
Open Reduction of Hip Fracture	14	7.1	5.5	*	14.3	10.4	*	28.6	13.9	*
Prostatectomy	5	0.0	1.3	*	0.0	3.3	*	0.0	6.2	*
Cholecystectomy	10	0.0	2.8	*	0.0	4.8	*	0.0	6.0	*
Hysterectomy	6	0.0	0.5	*	0.0	1.0	*	0.0	1.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	59
Occupancy Rate	74
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	19
Percent of Physicians Board Certified Specialists	58
Medical Residents/Interns	0
Registered Nurses	0
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

** Not used in calculating hospital mortality rates.

COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 140047

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	531	10.4	9.5	1.6	14.7	13.8	2.1	17.5	17.5	1.9
CONDITIONS:										
Acute Myocardial Infarction	19	21.1	30.2	*	26.3	34.4	*	26.3	38.4	*
Congestive Heart Failure	52	19.2	15.5	7.0	23.1	22.8	6.5	30.8	29.1	6.9
Pneumonia/Influenza	36	22.2	16.8	*	33.3	22.8	*	36.1	27.3	*
Chronic Obstructive Pulmonary Disease	3	0.0	5.9	*	0.0	11.1	*	0.0	15.9	*
Transient Cerebral Ischemia	11	0.0	2.7	*	9.1	6.1	*	18.2	9.8	*
Stroke	17	29.4	22.5	*	35.3	28.3	*	35.3	32.8	*
Hip Fracture	18	11.1	5.5	*	16.7	10.4	*	16.7	13.9	*
Sepsis	9	22.2	33.4	*	55.6	40.2	*	55.6	46.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	3.0	*	0.0	6.7	*	0.0	10.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	16.7	3.8	*	16.7	7.7	*	16.7	10.4	*
Open Reduction of Hip Fracture	7	0.0	4.5	*	14.3	9.0	*	14.3	12.2	*
Prostatectomy	5	0.0	1.2	*	0.0	3.1	*	0.0	5.6	*
Cholecystectomy	13	0.0	2.0	*	0.0	4.0	*	0.0	5.7	*
Hysterectomy	2	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	545	10.5	10.1	3.1	15.0	14.8	4.7	19.1	18.7	5.8
CONDITIONS:										
Acute Myocardial Infarction	22	27.3	33.0	*	31.8	36.6	*	31.8	40.3	*
Congestive Heart Failure	38	10.5	14.1	*	18.4	21.3	*	34.2	27.7	*
Pneumonia/Influenza	37	5.4	19.7	*	13.5	26.6	*	13.5	31.7	*
Chronic Obstructive Pulmonary Disease	11	9.1	8.9	*	18.2	16.5	*	27.3	22.7	*
Transient Cerebral Ischemia	9	11.1	2.9	*	22.2	6.8	*	44.4	11.1	*
Stroke	24	29.2	25.4	*	33.3	31.7	*	37.5	36.4	*
Hip Fracture	19	10.5	7.1	*	21.1	12.4	*	26.3	15.8	*
Sepsis	3	33.3	44.9	*	66.7	53.3	*	66.7	61.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	3.8	*	0.0	6.7	*	0.0	9.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	12.5	4.6	*	12.5	7.9	*	12.5	9.8	*
Open Reduction of Hip Fracture	16	6.3	5.8	*	18.8	10.9	*	25.0	14.3	*
Prostatectomy	6	0.0	1.2	*	0.0	3.0	*	0.0	5.2	*
Cholecystectomy	13	0.0	2.8	*	0.0	5.2	*	0.0	6.9	*
Hysterectomy	5	0.0	0.4	*	0.0	0.9	*	0.0	1.3	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

COMMUNITY MEMORIAL HOSPITAL

216 W Pennsylvania
Staunton, IL 62088

Medicare Provider Number: 140086

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	333	14.1	10.6	4.0	18.6	15.2	4.3	21.9	19.0	5.2
CONDITIONS:										
Acute Myocardial Infarction	22	18.2	33.2	*	22.7	36.2	*	31.8	39.8	*
Congestive Heart Failure	16	37.5	15.6	*	43.8	23.6	*	56.3	30.7	*
Pneumonia/Influenza	23	26.1	17.1	*	30.4	23.4	*	30.4	27.9	*
Chronic Obstructive Pulmonary Disease	6	16.7	10.8	*	16.7	18.4	*	16.7	24.3	*
Transient Cerebral Ischemia	7	14.3	2.0	*	28.6	4.4	*	28.6	6.9	*
Stroke	13	30.8	23.6	*	38.5	29.5	*	38.5	33.9	*
Hip Fracture	7	0.0	7.3	*	14.3	14.0	*	14.3	18.8	*
Sepsis	3	0.0	28.9	*	0.0	38.6	*	0.0	44.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	5.0	*	0.0	8.3	*	0.0	11.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	6	0.0	6.4	*	16.7	12.6	*	16.7	17.3	*
Prostatectomy	5	0.0	0.7	*	0.0	1.5	*	0.0	2.5	*
Cholecystectomy	3	0.0	3.3	*	0.0	6.6	*	0.0	9.6	*
Hysterectomy	1	0.0	0.9	*	0.0	1.9	*	0.0	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	59
Occupancy Rate	22
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	16
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	33
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 140086

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	407	11.1	10.7	1.7	15.2	16.0	2.0	19.2	20.1	2.1
CONDITIONS:										
Acute Myocardial Infarction	17	41.2	33.1	*	41.2	36.7	*	47.1	40.6	*
Congestive Heart Failure	23	17.4	16.3	*	17.4	24.3	*	21.7	31.1	*
Pneumonia/Influenza	32	18.8	18.2	*	28.1	24.7	*	31.3	29.5	*
Chronic Obstructive Pulmonary Disease	5	0.0	5.5	*	0.0	11.7	*	20.0	17.2	*
Transient Cerebral Ischemia	7	0.0	2.3	*	14.3	5.0	*	14.3	7.9	*
Stroke	12	25.0	24.6	*	33.3	31.4	*	50.0	36.5	*
Hip Fracture	10	0.0	6.2	*	10.0	11.5	*	10.0	15.0	*
Sepsis	3	33.3	19.1	*	33.3	28.0	*	33.3	33.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	3.3	*	0.0	5.7	*	0.0	8.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	3.2	*	0.0	6.2	*	0.0	8.3	*
Open Reduction of Hip Fracture	8	0.0	6.0	*	12.5	11.5	*	12.5	15.3	*
Prostatectomy	7	0.0	1.0	*	0.0	2.2	*	0.0	3.3	*
Cholecystectomy	5	20.0	3.7	*	20.0	6.2	*	20.0	7.5	*
Hysterectomy	5	0.0	0.5	*	0.0	1.0	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	417	10.3	8.7	2.1	14.6	13.6	2.2	18.7	17.4	2.7
CONDITIONS:										
Acute Myocardial Infarction	19	36.8	25.0	*	36.8	28.8	*	42.1	32.4	*
Congestive Heart Failure	18	27.8	15.7	*	33.3	23.4	*	44.4	29.8	*
Pneumonia/Influenza	33	12.1	16.8	*	12.1	23.4	*	18.2	28.5	*
Chronic Obstructive Pulmonary Disease	3	33.3	11.0	*	33.3	19.3	*	100.0	25.7	*
Transient Cerebral Ischemia	8	0.0	2.1	*	0.0	4.8	*	0.0	7.8	*
Stroke	11	18.2	25.4	*	18.2	32.7	*	18.2	38.0	*
Hip Fracture	15	6.7	5.8	*	13.3	10.9	*	13.3	14.3	*
Sepsis	4	25.0	23.6	*	25.0	30.6	*	25.0	36.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.3	*	0.0	2.9	*	0.0	5.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	13	7.7	5.0	*	15.4	9.7	*	15.4	13.0	*
Prostatectomy	10	0.0	0.6	*	0.0	1.5	*	0.0	2.7	*
Cholecystectomy	6	16.7	3.7	*	16.7	7.8	*	16.7	11.2	*
Hysterectomy	4	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CONDELL MEMORIAL HOSPITAL

900 Garfield
Libertyville, IL 60048

Medicare Provider Number: 140202

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,221	9.3	10.4	1.8	14.7	15.2	2.2	17.9	19.0	1.7
CONDITIONS:										
Acute Myocardial Infarction	45	44.4	27.1	*	44.4	30.6	*	44.4	33.9	*
Congestive Heart Failure	76	10.5	15.2	4.5	25.0	22.5	4.9	32.9	28.9	5.5
Pneumonia/Influenza	78	14.1	16.8	4.9	20.5	22.4	5.0	20.5	27.0	7.8
Chronic Obstructive Pulmonary Disease	26	11.5	7.4	*	15.4	12.8	*	23.1	17.6	*
Transient Cerebral Ischemia	33	6.1	1.8	*	9.1	4.1	*	12.1	6.6	*
Stroke	51	21.6	24.4	6.6	31.4	30.8	7.0	33.3	35.4	7.0
Hip Fracture	45	0.0	6.5	*	4.4	11.5	*	6.7	14.9	*
Sepsis	14	35.7	31.5	*	50.0	38.9	*	57.1	44.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	0.0	6.6	*	0.0	11.0	*	0.0	14.8	*
Carotid Endarterectomy	3	0.0	1.1	*	0.0	1.9	*	0.0	2.9	*
Hip Replacement/Reconstruction	13	0.0	5.5	*	15.4	9.5	*	15.4	12.3	*
Open Reduction of Hip Fracture	18	0.0	6.8	*	5.6	12.7	*	5.6	16.6	*
Prostatectomy	31	0.0	1.0	*	0.0	2.3	*	3.2	3.7	*
Cholecystectomy	23	8.7	2.8	*	13.0	4.6	*	13.0	5.7	*
Hysterectomy	8	0.0	0.4	*	0.0	0.9	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	155
Occupancy Rate	62
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	116
Percent of Physicians Board Certified Specialists	88
Medical Residents/Interns	0
Registered Nurses	198
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

CONDELL MEMORIAL HOSPITAL

Medicare Provider Number: 140202

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,295	11.4	11.9	1.1	16.0	17.1	1.6	19.5	21.2	2.0
CONDITIONS:										
Acute Myocardial Infarction	43	30.2	31.8	*	34.9	34.7	*	39.5	38.2	*
Congestive Heart Failure	88	22.7	17.1	7.3	28.4	25.3	6.1	35.2	32.2	5.8
Pneumonia/Influenza	88	14.8	17.9	5.5	22.7	24.0	4.9	29.5	28.7	5.6
Chronic Obstructive Pulmonary Disease	18	11.1	7.1	*	11.1	11.9	*	16.7	16.1	*
Transient Cerebral Ischemia	20	0.0	1.9	*	0.0	4.1	*	0.0	6.3	*
Stroke	66	24.2	25.2	5.8	30.3	31.7	6.4	31.8	36.4	9.2
Hip Fracture	26	0.0	6.8	*	7.7	12.3	*	7.7	15.9	*
Sepsis	22	36.4	25.6	*	40.9	31.9	*	40.9	37.5	*
PROCEDURES:										
Angioplasty	1	0.0	2.0	*	0.0	3.5	*	0.0	4.8	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	6.7	8.3	*	6.7	13.6	*	6.7	17.6	*
Carotid Endarterectomy	6	0.0	2.0	*	0.0	4.0	*	0.0	6.1	*
Hip Replacement/Reconstruction	12	0.0	3.0	*	0.0	5.8	*	0.0	7.8	*
Open Reduction of Hip Fracture	12	0.0	6.3	*	8.3	11.6	*	8.3	15.2	*
Prostatectomy	43	7.0	2.0	*	9.3	4.7	*	9.3	7.3	*
Cholecystectomy	36	0.0	4.8	*	0.0	8.2	*	2.8	10.0	*
Hysterectomy	3	0.0	1.8	*	0.0	4.1	*	33.3	6.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,221	10.7	11.7	2.2	17.2	17.2	1.2	20.3	21.3	1.6
CONDITIONS:										
Acute Myocardial Infarction	46	28.3	32.6	*	43.5	35.8	*	45.7	39.2	*
Congestive Heart Failure	88	18.2	20.1	6.1	26.1	29.8	7.8	34.1	37.5	9.7
Pneumonia/Influenza	64	21.9	18.9	5.9	25.0	25.2	5.6	28.1	30.1	6.3
Chronic Obstructive Pulmonary Disease	27	14.8	10.2	*	18.5	16.8	*	22.2	21.9	*
Transient Cerebral Ischemia	23	0.0	2.0	*	0.0	4.2	*	8.7	6.7	*
Stroke	51	17.6	24.2	8.9	27.5	31.3	7.9	29.4	36.0	9.7
Hip Fracture	31	16.1	8.4	*	25.8	14.5	*	25.8	18.4	*
Sepsis	22	27.3	25.9	*	36.4	34.0	*	40.9	40.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	14	0.0	6.3	*	0.0	9.8	*	0.0	12.4	*
Carotid Endarterectomy	2	0.0	1.8	*	0.0	3.2	*	0.0	4.6	*
Hip Replacement/Reconstruction	19	15.8	4.6	*	21.1	8.3	*	21.1	10.7	*
Open Reduction of Hip Fracture	12	8.3	6.8	*	25.0	12.4	*	25.0	16.0	*
Prostatectomy	36	0.0	1.3	*	0.0	2.9	*	0.0	4.8	*
Cholecystectomy	19	5.3	2.9	*	5.3	4.3	*	5.3	5.6	*
Hysterectomy	8	0.0	0.3	*	0.0	0.5	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

COOK COUNTY HOSPITAL

1825 W Harrison St
Chicago, IL 60612

Medicare Provider Number: 140124

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1,940	6.7	8.2	1.8	12.1	13.3	1.6	16.1	17.2	1.3
CONDITIONS:										
Acute Myocardial Infarction	28	35.7	30.0	*	46.4	34.0	*	46.4	37.9	*
Congestive Heart Failure	180	7.8	12.4	3.9	13.9	19.7	5.1	19.4	25.9	5.5
Pneumonia/Influenza	47	4.3	12.0	*	12.8	16.9	*	17.0	20.8	*
Chronic Obstructive Pulmonary Disease	16	6.3	8.0	*	12.5	13.5	*	25.0	18.1	*
Transient Cerebral Ischemia	13	7.7	1.4	*	7.7	2.9	*	7.7	4.5	*
Stroke	46	19.6	18.6	*	26.1	25.3	*	32.6	29.7	*
Hip Fracture	13	0.0	5.0	*	7.7	8.7	*	15.4	11.2	*
Sepsis	8	37.5	27.3	*	50.0	40.0	*	50.0	46.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	1	0.0	0.9	*	0.0	1.5	*	0.0	2.2	*
Hip Replacement/Reconstruction	8	0.0	1.5	*	0.0	2.9	*	0.0	4.0	*
Open Reduction of Hip Fracture	5	0.0	4.1	*	0.0	7.2	*	0.0	9.4	*
Prostatectomy	21	0.0	1.1	*	0.0	2.8	*	0.0	4.6	*
Cholecystectomy	8	0.0	3.2	*	0.0	5.4	*	0.0	6.7	*
Hysterectomy	9	0.0	0.9	*	0.0	1.9	*	0.0	2.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	951
Occupancy Rate	68
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

** Not used in calculating hospital mortality rates.

COOK COUNTY HOSPITAL

Medicare Provider Number: 140124

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,312	6.1	8.0	0.9	11.3	13.0	0.9	15.5	17.0	0.9
CONDITIONS:										
Acute Myocardial Infarction	25	20.0	28.7	*	28.0	32.5	*	28.0	36.4	*
Congestive Heart Failure	205	5.4	14.2	3.4	10.7	22.0	4.0	20.0	28.5	3.8
Pneumonia/Influenza	53	7.5	14.4	8.2	15.1	20.1	8.6	17.0	24.3	10.4
Chronic Obstructive Pulmonary Disease	28	14.3	12.2	*	32.1	19.7	*	35.7	25.3	*
Transient Cerebral Ischemia	19	0.0	1.9	*	0.0	3.8	*	5.3	5.9	*
Stroke	45	13.3	17.4	*	17.8	23.4	*	17.8	27.5	*
Hip Fracture	15	6.7	11.8	*	6.7	19.6	*	20.0	23.7	*
Sepsis	3	0.0	18.0	*	33.3	24.9	*	33.3	30.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	0.0	7.7	*	0.0	13.2	*	9.1	15.9	*
Open Reduction of Hip Fracture	4	0.0	4.6	*	0.0	8.5	*	0.0	11.0	*
Prostatectomy	40	0.0	1.2	*	2.5	3.0	*	2.5	5.0	*
Cholecystectomy	16	6.3	4.7	*	12.5	8.2	*	12.5	10.8	*
Hysterectomy	8	0.0	0.4	*	0.0	1.1	*	0.0	1.8	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,448	5.6	8.8	2.7	11.2	13.9	2.0	15.1	17.9	2.0
CONDITIONS:										
Acute Myocardial Infarction	24	16.7	32.1	*	25.0	35.4	*	29.2	39.0	*
Congestive Heart Failure	162	6.2	15.0	3.9	13.0	22.8	4.5	19.1	29.3	4.8
Pneumonia/Influenza	51	5.9	14.4	6.2	7.8	19.5	7.3	9.8	23.4	8.0
Chronic Obstructive Pulmonary Disease	27	3.7	13.9	*	11.1	22.5	*	25.9	29.0	*
Transient Cerebral Ischemia	16	0.0	1.8	*	0.0	3.8	*	6.3	5.9	*
Stroke	60	11.7	18.0	8.0	18.3	23.9	8.0	20.0	28.3	8.0
Hip Fracture	7	14.3	6.9	*	14.3	11.3	*	28.6	14.5	*
Sepsis	13	53.8	49.5	*	84.6	59.8	*	84.6	66.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	1	0.0	2.1	*	0.0	3.3	*	0.0	4.5	*
Initial Pacemaker Insertion	5	20.0	6.7	*	20.0	12.5	*	20.0	17.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	1.6	*	0.0	3.3	*	0.0	4.8	*
Open Reduction of Hip Fracture	5	0.0	4.7	*	0.0	8.3	*	20.0	10.8	*
Prostatectomy	37	0.0	1.6	*	2.7	3.9	*	5.4	6.6	*
Cholecystectomy	20	10.0	9.2	*	30.0	14.0	*	35.0	17.3	*
Hysterectomy	7	0.0	1.7	*	0.0	3.6	*	0.0	5.2	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

COPLEY MEMORIAL HOSPITAL

502 South Lincoln Avenue
Aurora, IL 60507

Medicare Provider Number: 140029

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,283	10.6	10.0	1.0	16.2	15.1	1.6	19.6	19.2	1.1
CONDITIONS:										
Acute Myocardial Infarction	44	27.3	25.2	*	29.5	28.7	*	31.8	32.1	*
Congestive Heart Failure	70	14.3	14.3	5.0	22.9	22.2	5.0	30.0	28.9	5.5
Pneumonia/Influenza	67	13.4	17.1	7.4	17.9	23.3	10.0	22.4	28.2	10.2
Chronic Obstructive Pulmonary Disease	17	0.0	6.7	*	5.9	11.6	*	11.8	16.2	*
Transient Cerebral Ischemia	11	0.0	1.4	*	9.1	3.1	*	9.1	4.9	*
Stroke	63	20.6	19.5	5.6	30.2	26.1	9.4	30.2	30.5	9.4
Hip Fracture	39	5.1	7.0	*	7.7	12.4	*	10.3	16.0	*
Sepsis	15	26.7	22.2	*	26.7	30.5	*	26.7	37.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	5	0.0	9.5	*	0.0	15.8	*	0.0	18.8	*
Initial Pacemaker Insertion	7	14.3	7.6	*	14.3	11.7	*	14.3	14.3	*
Carotid Endarterectomy	10	0.0	1.2	*	0.0	2.2	*	0.0	3.2	*
Hip Replacement/Reconstruction	28	3.6	3.6	*	10.7	6.9	*	10.7	9.4	*
Open Reduction of Hip Fracture	18	0.0	6.4	*	5.6	11.7	*	5.6	15.2	*
Prostatectomy	43	0.0	1.1	*	0.0	2.6	*	4.7	4.2	*
Cholecystectomy	36	0.0	2.3	*	2.8	3.7	*	2.8	4.7	*
Hysterectomy	12	0.0	0.4	*	0.0	0.9	*	0.0	1.2	*

* **The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	201
Occupancy Rate	56
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	182
Percent of Physicians Board Certified Specialists	79
Medical Residents/Interns	0
Registered Nurses	137
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

** **Not used in calculating hospital mortality rates.**

COPLEY MEMORIAL HOSPITAL

Medicare Provider Number: 140029

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,564	12.9	9.8	1.1	18.3	14.9	1.3	22.2	18.9	1.3
CONDITIONS:										
Acute Myocardial Infarction	38	36.8	28.8	*	39.5	32.6	*	42.1	36.0	*
Congestive Heart Failure	71	12.7	18.3	5.8	25.4	27.7	6.1	35.2	35.0	5.8
Pneumonia/Influenza	65	29.2	19.4	8.8	32.3	26.2	8.4	36.9	31.4	7.4
Chronic Obstructive Pulmonary Disease	17	5.9	5.7	*	5.9	10.3	*	17.6	14.1	*
Transient Cerebral Ischemia	16	18.8	1.8	*	18.8	3.9	*	25.0	6.1	*
Stroke	69	30.4	23.5	10.6	39.1	30.6	10.8	42.0	35.5	9.4
Hip Fracture	52	9.6	7.5	4.2	11.5	13.1	5.0	17.3	16.5	5.2
Sepsis	14	21.4	24.6	*	21.4	34.2	*	21.4	40.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	10.0	3.4	*	10.0	5.7	*	10.0	8.0	*
Carotid Endarterectomy	17	0.0	1.4	*	0.0	2.5	*	0.0	3.6	*
Hip Replacement/Reconstruction	47	0.0	3.6	*	2.1	6.5	*	4.3	8.6	*
Open Reduction of Hip Fracture	21	14.3	6.9	*	14.3	12.6	*	19.0	16.2	*
Prostatectomy	55	0.0	0.7	*	0.0	1.8	*	0.0	3.0	*
Cholecystectomy	44	4.5	3.2	*	9.1	5.6	*	9.1	7.1	*
Hysterectomy	18	0.0	0.4	*	0.0	0.7	*	5.6	1.1	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,548	9.4	9.1	0.8	15.1	14.1	1.5	18.7	17.9	2.2
CONDITIONS:										
Acute Myocardial Infarction	41	29.3	26.7	*	36.6	30.2	*	41.5	33.7	*
Congestive Heart Failure	70	21.4	15.6	7.9	28.6	23.3	7.6	35.7	30.0	8.6
Pneumonia/Influenza	52	15.4	16.6	5.7	21.2	22.3	6.5	26.9	27.0	6.2
Chronic Obstructive Pulmonary Disease	21	28.6	11.7	*	33.3	19.0	*	33.3	24.5	*
Transient Cerebral Ischemia	21	0.0	2.1	*	9.5	4.5	*	14.3	7.0	*
Stroke	54	14.8	22.1	7.0	27.8	29.7	6.5	31.5	34.5	6.8
Hip Fracture	37	2.7	6.6	*	5.4	11.7	*	5.4	14.9	*
Sepsis	10	30.0	25.8	*	50.0	35.8	*	50.0	41.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	19	10.5	4.8	*	10.5	9.1	*	15.8	12.6	*
Carotid Endarterectomy	14	0.0	1.6	*	0.0	3.3	*	0.0	5.1	*
Hip Replacement/Reconstruction	44	2.3	2.6	*	4.5	4.8	*	4.5	6.4	*
Open Reduction of Hip Fracture	18	0.0	6.3	*	0.0	11.5	*	0.0	14.8	*
Prostatectomy	75	1.3	1.0	1.3	4.0	2.5	2.4	4.0	4.3	2.4
Cholecystectomy	33	0.0	2.5	*	3.0	4.2	*	3.0	5.3	*
Hysterectomy	11	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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57.2

Copley cares...

COPLEY MEMORIAL HOSPITAL

Affiliated with Rush-Presbyterian-St. Luke's Medical Center

January 14, 1991

Medicare Provider #140029

Mrs. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

RE: Comments regarding HCFA Mortality Data

Dear Mrs. Kappert:

We have reviewed the Health Care Financing Administration's (HCFA's) mortality rate information for Copley Memorial Hospital and have determined that, as in past years, Copley's observed mortality rates fall within HCFA's predicted ranges. We have also examined the 1989 data in relationship to data recast for FY1988 and FY1987 and have found no significant trends which indicate changes in our patient care outcomes.

Copley Memorial Hospital is committed to delivering high quality care. A critical component of our quality assurance program involves our personal review of each patient's care requirements to ensure that the care provided is appropriate and effective. Additionally, our quality assurance program identifies problems, provides solutions, and prevents recurrence of problems which could affect the quality of our patient outcomes. Copley will maintain its quality assurance efforts to ensure that our patient care outcomes continue to be at or above industry standards.

Finally, while we are pleased that this information reflects positively on the quality of care Copley delivers, we continue to be concerned that the lay public may not be able to make informed judgements about the quality of medical care upon its release and publication.

Sincerely,

D Chet McKee

D. Chet McKee
President
Chief Executive Officer

DCM/mz

502 South Lincoln Avenue Aurora, IL 60505-4690 708/844-1030 FAX 844-1041

COVENANT MEDICAL CENTER-CHAMPAIGN

407 S 4th St
Champaign, IL 61820

Medicare Provider Number: 140126

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,093	9.7	9.0	1.5	15.1	13.4	2.2	18.5	16.9	2.4
CONDITIONS:										
Acute Myocardial Infarction	35	25.7	26.3	*	28.6	29.2	*	34.3	32.4	*
Congestive Heart Failure	61	13.1	15.1	4.7	21.3	22.8	5.9	26.2	29.4	6.3
Pneumonia/Influenza	32	15.6	17.4	*	21.9	23.8	*	28.1	28.7	*
Chronic Obstructive Pulmonary Disease	10	0.0	6.9	*	10.0	11.7	*	20.0	16.3	*
Transient Cerebral Ischemia	21	4.8	1.8	*	4.8	3.9	*	9.5	6.0	*
Stroke	43	23.3	19.8	*	37.2	25.5	*	39.5	29.7	*
Hip Fracture	40	12.5	8.2	*	17.5	14.4	*	22.5	18.5	*
Sepsis	9	33.3	21.6	*	33.3	29.9	*	33.3	34.9	*
PROCEDURES:										
Angioplasty	7	0.0	3.3	*	0.0	4.3	*	0.0	5.5	*
Coronary Artery Bypass Graft	29	6.9	5.1	*	6.9	6.9	*	6.9	8.1	*
Initial Pacemaker Insertion	6	0.0	3.5	*	0.0	6.8	*	0.0	9.8	*
Carotid Endarterectomy	21	0.0	1.5	*	4.8	3.0	*	9.5	4.5	*
Hip Replacement/Reconstruction	19	5.3	4.0	*	10.5	7.4	*	15.8	9.8	*
Open Reduction of Hip Fracture	25	8.0	6.5	*	12.0	12.0	*	16.0	15.6	*
Prostatectomy	20	0.0	0.9	*	5.0	2.1	*	10.0	3.5	*
Cholecystectomy	16	6.3	4.9	*	18.8	9.3	*	18.8	12.4	*
Hysterectomy	8	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	207
Ownership/Control	Local Government

STAFFING:

Medical Residents/Interns	0
Registered Nurses	78
Licensed Practical Nurses	25

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	Yes
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

COVENANT MEDICAL CENTER-CHAMPAIGN

Medicare Provider Number: 140126

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,282	9.8	9.6	1.4	15.5	14.3	1.6	18.8	18.0	1.7
CONDITIONS:										
Acute Myocardial Infarction	38	28.9	28.2	*	31.6	31.0	*	31.6	34.4	*
Congestive Heart Failure	81	12.3	15.0	4.2	17.3	22.9	5.6	27.2	29.4	5.2
Pneumonia/Influenza	41	19.5	15.8	*	22.0	21.1	*	24.4	25.2	*
Chronic Obstructive Pulmonary Disease	7	0.0	6.6	*	0.0	11.7	*	0.0	16.0	*
Transient Cerebral Ischemia	33	3.0	1.8	*	6.1	3.8	*	9.1	5.8	*
Stroke	52	13.5	20.3	8.6	25.0	26.5	7.4	26.9	31.1	9.1
Hip Fracture	39	2.6	6.0	*	10.3	10.9	*	17.9	14.1	*
Sepsis	11	18.2	21.8	*	18.2	28.9	*	27.3	35.0	*
PROCEDURE:										
Angioplasty	5	0.0	4.3	*	0.0	5.5	*	0.0	6.8	*
Coronary Artery Bypass Graft	24	8.3	5.7	*	12.5	7.5	*	12.5	8.7	*
Initial Pacemaker Insertion	6	0.0	2.8	*	16.7	4.8	*	16.7	7.0	*
Carotid Endarterectomy	29	3.4	1.5	*	10.3	2.9	*	13.8	4.2	*
Hip Replacement/Reconstruction	22	0.0	3.7	*	0.0	6.9	*	0.0	9.0	*
Open Reduction of Hip Fracture	14	0.0	5.0	*	14.3	9.8	*	35.7	13.2	*
Prostatectomy	27	0.0	0.6	*	0.0	1.5	*	0.0	2.4	*
Cholecystectomy	30	10.0	4.1	*	13.3	6.4	*	13.3	7.8	*
Hysterectomy	6	0.0	0.4	*	0.0	0.6	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,234	8.4	8.8	1.5	13.7	13.5	2.1	16.7	17.2	1.7
CONDITIONS:										
Acute Myocardial Infarction	28	25.0	30.1	*	32.1	32.9	*	32.1	36.0	*
Congestive Heart Failure	65	10.8	16.3	7.2	15.4	24.5	8.2	27.7	31.4	6.5
Pneumonia/Influenza	33	12.1	15.5	*	18.2	21.1	*	21.2	25.6	*
Chronic Obstructive Pulmonary Disease	13	7.7	9.6	*	38.5	17.2	*	38.5	23.4	*
Transient Cerebral Ischemia	26	0.0	2.4	*	3.8	5.0	*	3.8	7.7	*
Stroke	41	19.5	20.1	*	31.7	27.1	*	34.1	32.0	*
Hip Fracture	37	8.1	7.8	*	21.6	13.6	*	21.6	17.2	*
Sepsis	6	0.0	20.2	*	33.3	25.8	*	33.3	30.2	*
PROCEDURES:										
Angioplasty	2	0.0	9.9	*	0.0	11.1	*	0.0	12.8	*
Coronary Artery Bypass Graft	19	5.3	6.0	*	10.5	7.4	*	10.5	8.3	*
Initial Pacemaker Insertion	10	0.0	3.1	*	0.0	6.2	*	0.0	9.2	*
Carotid Endarterectomy	15	6.7	1.7	*	6.7	3.0	*	13.3	4.3	*
Hip Replacement/Reconstruction	21	9.5	6.6	*	19.0	11.9	*	19.0	15.2	*
Open Reduction of Hip Fracture	11	0.0	4.7	*	9.1	8.4	*	9.1	11.0	*
Prostatectomy	31	0.0	0.5	*	0.0	1.2	*	0.0	2.1	*
Cholecystectomy	22	0.0	2.7	*	0.0	4.6	*	0.0	6.1	*
Hysterectomy	11	0.0	0.5	*	0.0	1.0	*	0.0	1.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

COVENANT MEDICAL CENTER-URBANA

1400 West Park Avenue
Urbana, IL 61801

Medicare Provider Number: 140113

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,415	9.1	8.0	1.0	13.7	12.3	1.2	17.0	15.8	1.2
CONDITIONS:										
Acute Myocardial Infarction	51	33.3	28.2	8.8	33.3	31.4	7.9	35.3	35.0	6.8
Congestive Heart Failure	47	23.4	15.6	*	38.3	24.0	*	46.8	30.9	*
Pneumonia/Influenza	42	11.9	14.6	*	16.7	19.8	*	16.7	23.9	*
Chronic Obstructive Pulmonary Disease	17	11.8	5.4	*	11.8	9.4	*	11.8	13.1	*
Transient Cerebral Ischemia	15	0.0	2.1	*	0.0	4.7	*	0.0	7.5	*
Stroke	67	17.9	19.4	4.9	19.4	25.2	6.3	26.9	29.5	5.8
Hip Fracture	48	4.2	6.8	*	6.3	12.3	*	10.4	16.1	*
Sepsis	13	46.2	18.8	*	46.2	25.7	*	53.8	30.6	*
PROCEDURES:										
Angioplasty	7	0.0	4.7	*	0.0	5.4	*	0.0	6.4	*
Coronary Artery Bypass Graft	49	4.1	6.3	*	8.2	9.7	*	10.2	11.8	*
Initial Pacemaker Insertion	6	0.0	4.8	*	0.0	9.9	*	16.7	14.4	*
Carotid Endarterectomy	25	8.0	1.6	*	8.0	3.1	*	8.0	4.6	*
Hip Replacement/Reconstruction	46	4.3	3.5	*	8.7	6.8	*	8.7	9.3	*
Open Reduction of Hip Fracture	16	0.0	5.8	*	0.0	10.9	*	6.3	14.4	*
Prostatectomy	68	1.5	0.8	1.2	2.9	1.9	2.4	5.9	3.4	4.1
Cholecystectomy	19	0.0	3.2	*	0.0	5.9	*	10.5	7.8	*
Hysterectomy	11	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	452
Occupancy Rate	31
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

COVENANT MEDICAL CENTER-URBANA

Medicare Provider Number: 140113

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,546	8.9	8.3	1.0	13.1	12.8	1.0	16.7	16.3	1.2
CONDITIONS:										
Acute Myocardial Infarction	39	28.2	25.7	*	30.8	28.7	*	33.3	32.0	*
Congestive Heart Failure	57	22.8	18.3	8.2	29.8	27.4	7.0	36.8	34.6	7.5
Pneumonia/Influenza	44	13.6	17.2	*	22.7	23.1	*	29.5	27.6	*
Chronic Obstructive Pulmonary Disease	12	0.0	12.8	*	8.3	21.1	*	8.3	27.3	*
Transient Cerebral Ischemia	45	0.0	2.0	*	2.2	4.3	*	2.2	6.7	*
Stroke	60	16.7	19.4	6.5	23.3	25.7	9.7	25.0	30.4	10.6
Hip Fracture	41	4.9	7.3	*	9.8	13.1	*	19.5	16.9	*
Sepsis	10	30.0	32.6	*	40.0	43.3	*	40.0	50.8	*
PROCEDURES:										
Angioplasty	11	0.0	6.2	*	0.0	7.0	*	0.0	8.0	*
Coronary Artery Bypass Graft	52	9.6	7.7	4.3	13.5	9.9	5.7	13.5	11.3	6.0
Initial Pacemaker Insertion	8	12.5	5.6	*	12.5	8.0	*	12.5	10.6	*
Carotid Endarterectomy	26	3.8	1.4	*	3.8	2.8	*	3.8	4.2	*
Hip Replacement/Reconstruction	26	0.0	2.4	*	0.0	4.4	*	3.8	5.9	*
Open Reduction of Hip Fracture	23	4.3	5.4	*	8.7	10.4	*	8.7	13.8	*
Prostatectomy	90	2.2	0.8	1.6	2.2	1.9	1.7	4.4	3.1	2.6
Cholecystectomy	31	3.2	2.8	*	3.2	5.6	*	6.5	7.8	*
Hysterectomy	9	0.0	1.9	*	0.0	4.2	*	0.0	6.5	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,301	9.0	8.0	0.9	13.3	12.7	1.3	16.3	16.5	1.4
CONDITIONS:										
Acute Myocardial Infarction	34	41.2	25.9	*	47.1	29.3	*	47.1	32.7	*
Congestive Heart Failure	49	20.4	18.6	*	32.7	27.8	*	38.8	35.2	*
Pneumonia/Influenza	35	11.4	13.0	*	20.0	17.8	*	20.0	22.0	*
Chronic Obstructive Pulmonary Disease	21	9.5	10.1	*	14.3	17.7	*	28.6	23.6	*
Transient Cerebral Ischemia	25	0.0	2.1	*	0.0	4.4	*	4.0	6.7	*
Stroke	51	25.5	21.1	9.4	31.4	27.9	8.7	31.4	32.7	10.3
Hip Fracture	34	8.8	7.6	*	11.8	13.8	*	17.6	18.1	*
Sepsis	7	28.6	20.2	*	42.9	31.0	*	42.9	38.0	*
PROCEDURES:										
Angioplasty	8	0.0	5.7	*	0.0	7.2	*	0.0	8.8	*
Coronary Artery Bypass Graft	34	11.8	9.2	*	14.7	13.2	*	17.6	15.4	*
Initial Pacemaker Insertion	7	0.0	3.2	*	14.3	6.8	*	14.3	10.2	*
Carotid Endarterectomy	23	0.0	1.7	*	0.0	3.3	*	0.0	4.9	*
Hip Replacement/Reconstruction	39	2.6	2.6	*	5.1	4.8	*	5.1	6.5	*
Open Reduction of Hip Fracture	13	7.7	6.9	*	7.7	13.3	*	15.4	17.8	*
Prostatectomy	76	0.0	0.8	*	0.0	2.0	*	0.0	3.4	*
Cholecystectomy	14	0.0	3.5	*	0.0	5.8	*	0.0	7.3	*
Hysterectomy	13	0.0	0.9	*	0.0	1.8	*	0.0	2.9	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

CRAWFORD MEMORIAL HOSPITAL

1000 N Allen
Robinson, IL 62454

Medicare Provider Number: 140190

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	495	13.3	11.0	1.8	18.2	15.8	2.6	21.2	19.6	2.3
CONDITIONS:										
Acute Myocardial Infarction	26	23.1	25.3	*	23.1	28.4	*	23.1	31.8	*
Congestive Heart Failure	23	21.7	17.1	*	21.7	25.7	*	26.1	32.7	*
Pneumonia/Influenza	54	18.5	17.0	5.6	22.2	23.4	5.9	27.8	28.4	6.4
Chronic Obstructive Pulmonary Disease	4	25.0	13.4	*	25.0	21.2	*	50.0	28.3	*
Transient Cerebral Ischemia	12	8.3	2.2	*	8.3	5.1	*	8.3	8.2	*
Stroke	26	42.3	22.0	*	50.0	29.0	*	53.8	33.8	*
Hip Fracture	1	0.0	5.6	*	100.0	10.7	*	100.0	14.4	*
Sepsis	5	0.0	24.4	*	0.0	32.6	*	0.0	37.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	18	0.0	1.0	*	0.0	1.7	*	0.0	2.2	*
Hysterectomy	6	16.7	0.5	*	16.7	1.1	*	16.7	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	107
Occupancy Rate	59
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	17
Percent of Physicians Board Certified Specialists	76
Medical Residents/Interns	0
Registered Nurses	45
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CRAWFORD MEMORIAL HOSPITAL

Medicare Provider Number: 140190

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	576	12.2	10.9	2.1	16.7	16.1	1.9	20.0	20.2	1.9
CONDITIONS:										
Acute Myocardial Infarction	25	36.0	32.5	*	40.0	36.0	*	44.0	39.8	*
Congestive Heart Failure	34	14.7	16.4	*	20.6	25.3	*	26.5	32.6	*
Pneumonia/Influenza	37	10.8	18.4	*	10.8	24.4	*	10.8	29.2	*
Chronic Obstructive Pulmonary Disease	7	28.6	10.0	*	28.6	17.9	*	28.6	24.2	*
Transient Cerebral Ischemia	13	0.0	2.0	*	0.0	4.2	*	0.0	6.5	*
Stroke	28	28.6	23.3	*	35.7	30.7	*	42.9	36.0	*
Hip Fracture	0									
Sepsis	5	40.0	29.5	*	40.0	36.5	*	40.0	44.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	16	0.0	1.8	*	0.0	3.7	*	6.3	5.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	622	14.0	9.9	9.4	19.1	14.6	12.9	21.9	18.4	13.6
CONDITIONS:										
Acute Myocardial Infarction	23	26.1	24.4	*	30.4	28.1	*	34.8	31.8	*
Congestive Heart Failure	50	26.0	15.4	*	40.0	23.5	*	40.0	30.2	*
Pneumonia/Influenza	45	17.8	17.0	*	24.4	22.9	*	26.7	27.4	*
Chronic Obstructive Pulmonary Disease	18	5.6	7.4	*	5.6	12.2	*	5.6	16.2	*
Transient Cerebral Ischemia	20	10.0	1.9	*	15.0	4.0	*	15.0	6.4	*
Stroke	23	43.5	21.6	*	52.2	29.8	*	52.2	34.9	*
Hip Fracture	2	0.0	14.3	*	0.0	26.0	*	50.0	33.2	*
Sepsis	11	36.4	38.1	*	45.5	44.3	*	45.5	51.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	12	0.0	1.6	*	0.0	3.0	*	0.0	3.9	*
Hysterectomy	2	0.0	0.4	*	0.0	0.8	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CROSSROADS COMMUNITY HOSPITAL

8 Doctors Park Road
Mount Vernon, IL 62864

Medicare Provider Number: 140294

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	544	6.6	9.0	2.0	10.8	13.3	3.0	14.7	16.7	4.1
CONDITIONS:										
Acute Myocardial Infarction	17	29.4	28.3	*	41.2	31.3	*	41.2	34.4	*
Congestive Heart Failure	38	7.9	16.2	*	13.2	24.8	*	21.1	31.8	*
Pneumonia/Influenza	30	13.3	13.6	*	20.0	18.8	*	26.7	23.1	*
Chronic Obstructive Pulmonary Disease	12	8.3	8.0	*	16.7	13.8	*	25.0	18.9	*
Transient Cerebral Ischemia	6	0.0	1.6	*	0.0	3.3	*	0.0	5.1	*
Stroke	18	16.7	20.5	*	44.4	28.2	*	44.4	33.0	*
Hip Fracture	19	5.3	5.9	*	5.3	11.1	*	5.3	14.7	*
Sepsis	11	36.4	40.9	*	45.5	50.2	*	54.5	56.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	3.5	*	0.0	6.9	*	0.0	9.4	*
Open Reduction of Hip Fracture	7	14.3	8.6	*	14.3	16.8	*	14.3	22.4	*
Prostatectomy	21	4.8	1.1	*	4.8	2.8	*	4.8	4.8	*
Cholecystectomy	6	0.0	2.8	*	0.0	4.7	*	0.0	5.8	*
Hysterectomy	2	0.0	0.3	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	55
Occupancy Rate	44
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CROSSROADS COMMUNITY HOSPITAL

Medicare Provider Number: 140294

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	429	7.2	8.9	1.9	12.8	13.5	2.2	14.9	17.2	3.1
CONDITIONS:										
Acute Myocardial Infarction	15	33.3	29.2	*	33.3	33.0	*	40.0	36.6	*
Congestive Heart Failure	31	3.2	14.2	*	12.9	22.4	*	19.4	29.3	*
Pneumonia/Influenza	23	0.0	15.4	*	13.0	20.9	*	17.4	25.4	*
Chronic Obstructive Pulmonary Disease	5	0.0	5.4	*	20.0	10.6	*	20.0	15.7	*
Transient Cerebral Ischemia	9	0.0	2.3	*	0.0	5.1	*	0.0	8.1	*
Stroke	8	25.0	18.1	*	25.0	24.7	*	25.0	29.1	*
Hip Fracture	14	0.0	4.7	*	0.0	9.0	*	7.1	12.1	*
Sepsis	14	28.6	23.9	*	50.0	32.0	*	50.0	38.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	3.4	*	0.0	7.2	*	0.0	10.0	*
Open Reduction of Hip Fracture	7	0.0	4.5	*	0.0	8.9	*	0.0	12.1	*
Prostatectomy	14	0.0	0.5	*	0.0	1.2	*	0.0	2.2	*
Cholecystectomy	4	0.0	2.1	*	0.0	3.5	*	0.0	4.2	*
Hysterectomy	1	0.0	2.0	*	0.0	4.5	*	0.0	7.3	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	390	10.8	9.9	1.6	13.1	14.6	5.5	17.9	18.1	5.5
CONDITIONS:										
Acute Myocardial Infarction	15	33.3	31.8	*	33.3	34.7	*	40.0	37.8	*
Congestive Heart Failure	20	10.0	17.5	*	10.0	25.7	*	20.0	32.5	*
Pneumonia/Influenza	22	13.6	21.5	*	13.6	28.3	*	18.2	33.6	*
Chronic Obstructive Pulmonary Disease	5	0.0	4.4	*	0.0	8.0	*	0.0	11.2	*
Transient Cerebral Ischemia	9	11.1	1.9	*	22.2	4.0	*	22.2	6.5	*
Stroke	14	14.3	21.0	*	21.4	28.4	*	28.6	33.7	*
Hip Fracture	16	25.0	9.3	*	31.3	16.5	*	43.8	20.7	*
Sepsis	8	0.0	20.2	*	0.0	25.8	*	0.0	31.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	4.9	*	0.0	8.2	*	0.0	10.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	25.0	4.3	*	25.0	8.9	*	25.0	12.3	*
Open Reduction of Hip Fracture	7	28.6	8.1	*	42.9	14.6	*	57.1	18.5	*
Prostatectomy	7	0.0	0.8	*	0.0	2.0	*	0.0	3.3	*
Cholecystectomy	4	0.0	2.3	*	0.0	3.6	*	0.0	4.5	*
Hysterectomy	1	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

DECATUR MEMORIAL HOSPITAL

2300 North Edward Street
Decatur, IL 62526

Medicare Provider Number: 140135

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,252	9.7	9.3	1.1	14.6	14.6	1.5	18.2	18.8	1.7
CONDITIONS:										
Acute Myocardial Infarction	51	35.3	26.5	7.7	39.2	29.9	8.3	45.1	33.2	9.5
Congestive Heart Failure	115	19.1	16.4	5.1	28.7	25.5	4.8	36.5	32.7	5.7
Pneumonia/Influenza	88	21.6	15.7	4.9	22.7	21.5	5.0	26.1	26.0	4.8
Chronic Obstructive Pulmonary Disease	40	12.5	9.6	*	20.0	16.5	*	25.0	22.2	*
Transient Cerebral Ischemia	57	1.8	1.8	1.8	3.5	3.9	4.0	10.5	6.2	5.4
Stroke	83	21.7	21.4	4.9	31.3	27.9	5.8	33.7	32.1	5.4
Hip Fracture	57	1.8	7.0	5.2	5.3	12.3	7.6	8.8	15.7	7.7
Sepsis	14	21.4	23.0	*	28.6	30.9	*	28.6	36.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	0.0	1.7	*	0.0	3.2	*	0.0	4.7	*
Carotid Endarterectomy	7	0.0	1.9	*	0.0	4.3	*	0.0	6.9	*
Hip Replacement/Reconstruction	48	6.3	4.2	*	8.3	7.6	*	8.3	9.9	*
Open Reduction of Hip Fracture	17	0.0	6.9	*	5.9	12.3	*	11.8	15.8	*
Prostatectomy	82	1.2	1.5	2.1	2.4	3.5	2.4	4.9	5.8	2.7
Cholecystectomy	37	0.0	3.1	*	0.0	5.7	*	2.7	7.5	*
Hysterectomy	15	0.0	1.0	*	0.0	2.0	*	0.0	2.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	359
Occupancy Rate	60
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	169
Percent of Physicians Board Certified Specialists	58
Medical Residents/Interns	6
Registered Nurses	144
Licensed Practical Nurses	99

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

DECATUR MEMORIAL HOSPITAL

Medicare Provider Number: 140135

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,509	9.7	9.8	0.7	15.3	15.4	0.7	19.6	19.7	0.9
CONDITIONS:										
Acute Myocardial Infarction	56	23.2	26.9	6.1	25.0	29.9	6.4	25.0	33.1	6.9
Congestive Heart Failure	145	15.9	17.5	3.5	25.5	26.4	5.0	31.7	33.5	4.5
Pneumonia/Influenza	75	18.7	19.1	6.0	25.3	25.6	6.0	30.7	30.6	5.4
Chronic Obstructive Pulmonary Disease	42	11.9	8.7	*	19.0	14.1	*	26.2	18.5	*
Transient Cerebral Ischemia	63	3.2	1.9	2.2	4.8	4.3	2.6	7.9	6.8	3.8
Stroke	100	23.0	21.6	4.8	31.0	28.8	5.1	33.0	33.4	4.7
Hip Fracture	79	5.1	8.6	4.7	12.7	15.5	5.7	16.5	19.4	5.6
Sepsis	20	35.0	32.5	*	45.0	41.3	*	50.0	48.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	16	0.0	5.1	*	0.0	8.4	*	0.0	11.4	*
Carotid Endarterectomy	13	0.0	1.5	*	0.0	2.7	*	0.0	4.0	*
Hip Replacement/Reconstruction	46	0.0	4.7	*	4.3	9.4	*	8.7	12.5	*
Open Reduction of Hip Fracture	22	4.5	8.6	*	9.1	16.1	*	13.6	20.7	*
Prostatectomy	91	0.0	1.7	1.8	2.2	4.0	2.6	7.7	6.5	4.5
Cholecystectomy	33	6.1	5.5	*	9.1	10.7	*	12.1	14.4	*
Hysterectomy	25	4.0	0.9	*	4.0	2.0	*	4.0	3.0	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,562	10.2	9.5	1.7	15.3	15.0	1.7	19.4	19.3	1.7
CONDITIONS:										
Acute Myocardial Infarction	57	31.6	31.1	6.2	35.1	34.4	7.0	35.1	37.8	7.2
Congestive Heart Failure	113	19.5	17.6	4.8	26.5	26.8	4.2	31.9	34.1	5.0
Pneumonia/Influenza	97	17.5	17.7	4.3	23.7	23.9	4.6	32.0	28.8	4.8
Chronic Obstructive Pulmonary Disease	31	22.6	12.9	*	25.8	20.6	*	35.5	26.7	*
Transient Cerebral Ischemia	56	0.0	2.0	2.5	1.8	4.4	3.4	3.6	7.0	4.5
Stroke	93	24.7	19.9	6.5	30.1	27.5	5.1	33.3	32.2	4.9
Hip Fracture	65	3.1	6.9	5.7	9.2	12.3	7.8	12.3	15.8	7.1
Sepsis	20	20.0	24.7	*	30.0	34.0	*	35.0	40.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	20	0.0	3.3	*	5.0	7.2	*	5.0	10.8	*
Carotid Endarterectomy	4	0.0	1.7	*	0.0	3.1	*	0.0	4.4	*
Hip Replacement/Reconstruction	54	3.7	3.7	2.6	9.3	7.2	3.9	13.0	9.7	5.6
Open Reduction of Hip Fracture	27	0.0	6.5	*	0.0	12.1	*	3.7	15.8	*
Prostatectomy	89	0.0	1.2	1.6	1.1	2.8	2.3	2.2	4.6	3.0
Cholecystectomy	37	2.7	3.0	*	2.7	5.2	*	5.4	6.5	*
Hysterectomy	21	0.0	0.7	*	0.0	1.5	*	0.0	2.4	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

DELNOR COMMUNITY HOSPITAL

416 S 2nd St
Geneva, IL 60134

Medicare Provider Number: 140211

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	594	9.1	9.1	3.2	16.0	14.1	2.7	20.0	18.1	2.6
CONDITIONS:										
Acute Myocardial Infarction	19	21.1	23.6	*	26.3	27.8	*	26.3	31.8	*
Congestive Heart Failure	41	17.1	16.6	*	24.4	25.2	*	29.3	32.3	*
Pneumonia/Influenza	12	16.7	13.8	*	33.3	18.7	*	33.3	22.7	*
Chronic Obstructive Pulmonary Disease	7	14.3	8.3	*	42.9	14.0	*	42.9	18.8	*
Transient Cerebral Ischemia	9	0.0	1.8	*	11.1	4.1	*	11.1	6.7	*
Stroke	26	15.4	22.9	*	34.6	30.8	*	46.2	35.9	*
Hip Fracture	18	0.0	7.0	*	0.0	12.4	*	11.1	15.9	*
Sepsis	4	25.0	33.5	*	25.0	42.5	*	25.0	48.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	5.7	*	20.0	9.4	*	20.0	12.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	7.2	*	0.0	13.6	*	20.0	17.8	*
Open Reduction of Hip Fracture	10	0.0	5.8	*	0.0	10.8	*	10.0	14.0	*
Prostatectomy	23	0.0	1.3	*	0.0	3.3	*	0.0	5.4	*
Cholecystectomy	16	0.0	3.4	*	0.0	6.0	*	6.3	7.8	*
Hysterectomy	3	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1988

Total Beds	108
Ownership/Control	Private, Non-Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	64
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

DELNOR COMMUNITY HOSPITAL

Medicare Provider Number: 140211

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	673	9.2	8.3	1.5	14.3	12.7	2.1	18.7	16.3	2.6
CONDITIONS:										
Acute Myocardial Infarction	31	22.6	26.1	*	32.3	29.1	*	41.9	32.3	*
Congestive Heart Failure	34	11.8	15.2	*	23.5	23.3	*	23.5	30.0	*
Pneumonia/Influenza	22	13.6	15.9	*	13.6	22.2	*	13.6	27.0	*
Chronic Obstructive Pulmonary Disease	10	0.0	5.6	*	10.0	9.6	*	10.0	13.2	*
Transient Cerebral Ischemia	14	14.3	2.2	*	21.4	4.7	*	28.6	7.5	*
Stroke	28	10.7	25.1	*	10.7	31.5	*	10.7	36.1	*
Hip Fracture	25	20.0	7.7	*	20.0	14.1	*	24.0	18.1	*
Sepsis	6	33.3	17.1	*	50.0	24.8	*	66.7	30.8	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	3.8	*	0.0	7.9	*	0.0	11.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	28.6	9.5	*	28.6	18.1	*	28.6	23.2	*
Open Reduction of Hip Fracture	17	17.6	5.6	*	17.6	10.6	*	17.6	13.9	*
Prostatectomy	21	0.0	1.1	*	4.8	2.6	*	9.5	4.3	*
Cholecystectomy	18	0.0	2.8	*	0.0	5.0	*	0.0	6.5	*
Hysterectomy	5	0.0	2.3	*	0.0	4.7	*	0.0	7.2	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	656	9.5	8.4	2.0	14.5	13.1	2.3	17.8	16.8	1.9
CONDITIONS:										
Acute Myocardial Infarction	24	33.3	25.0	*	41.7	28.3	*	41.7	31.5	*
Congestive Heart Failure	44	13.6	16.2	*	22.7	24.4	*	34.1	31.2	*
Pneumonia/Influenza	23	17.4	15.6	*	34.8	21.7	*	34.8	26.6	*
Chronic Obstructive Pulmonary Disease	10	10.0	5.8	*	20.0	11.6	*	30.0	16.7	*
Transient Cerebral Ischemia	14	0.0	3.0	*	7.1	7.1	*	21.4	11.8	*
Stroke	21	19.0	20.7	*	28.6	28.1	*	33.3	32.6	*
Hip Fracture	24	4.2	6.7	*	12.5	12.1	*	12.5	15.5	*
Sepsis	4	25.0	26.4	*	25.0	32.7	*	25.0	37.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	0.0	4.0	*	0.0	7.2	*	0.0	10.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	5.6	*	16.7	10.5	*	16.7	13.6	*
Open Reduction of Hip Fracture	12	0.0	6.4	*	8.3	12.2	*	8.3	16.0	*
Prostatectomy	18	5.6	1.2	*	5.6	3.0	*	5.6	5.1	*
Cholecystectomy	18	0.0	1.4	*	0.0	2.7	*	0.0	3.9	*
Hysterectomy	1	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

DELNOR COMMUNITY HOSPITAL-ST CHARLES

975 N 5th Ave
St Charles, IL 60174

Medicare Provider Number: 140154

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	709	10.9	9.5	3.3	15.5	14.2	3.1	19.7	18.0	2.9
CONDITIONS:										
Acute Myocardial Infarction	24	41.7	28.1	*	45.8	30.9	*	45.8	33.9	*
Congestive Heart Failure	34	11.8	15.3	*	11.8	23.6	*	20.6	30.4	*
Pneumonia/Influenza	43	23.3	16.7	*	27.9	22.6	*	30.2	27.4	*
Chronic Obstructive Pulmonary Disease	8	0.0	8.0	*	0.0	14.1	*	0.0	19.6	*
Transient Cerebral Ischemia	12	0.0	1.7	*	0.0	3.7	*	0.0	5.8	*
Stroke	26	15.4	22.6	*	26.9	30.3	*	26.9	35.2	*
Hip Fracture	29	13.8	6.6	*	17.2	11.6	*	17.2	15.0	*
Sepsis	8	25.0	29.4	*	37.5	35.7	*	50.0	41.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	2.2	*	0.0	5.0	*	100.0	8.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	13	7.7	3.2	*	15.4	6.1	*	15.4	8.4	*
Open Reduction of Hip Fracture	17	11.8	5.9	*	11.8	10.7	*	11.8	13.9	*
Prostatectomy	25	0.0	1.2	*	0.0	3.0	*	0.0	5.2	*
Cholecystectomy	11	0.0	4.7	*	18.2	8.4	*	18.2	10.6	*
Hysterectomy	9	0.0	0.7	*	0.0	1.4	*	0.0	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	160
Occupancy Rate	53
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	122
Percent of Physicians Board Certified Specialists	80
Medical Residents/Interns	0
Registered Nurses	177
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DELNOR COMMUNITY HOSPITAL-ST CHARLES

Medicare Provider Number: 140154

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	714	11.5	9.4	2.3	14.7	14.0	2.4	18.2	17.7	2.8
CONDITIONS:										
Acute Myocardial Infarction	24	16.7	24.7	*	16.7	27.9	*	25.0	31.2	*
Congestive Heart Failure	37	18.9	18.0	*	24.3	26.7	*	32.4	33.6	*
Pneumonia/Influenza	20	15.0	18.0	*	15.0	24.0	*	20.0	28.6	*
Chronic Obstructive Pulmonary Disease	9	0.0	8.2	*	0.0	13.2	*	0.0	17.1	*
Transient Cerebral Ischemia	15	6.7	2.2	*	6.7	4.8	*	6.7	7.7	*
Stroke	22	40.9	23.6	*	50.0	31.5	*	50.0	36.6	*
Hip Fracture	29	10.3	6.7	*	13.8	12.1	*	17.2	15.5	*
Sepsis	6	33.3	40.5	*	33.3	48.1	*	33.3	55.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	3.1	*	0.0	5.4	*	0.0	7.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	19	5.3	2.2	*	5.3	4.3	*	10.5	5.9	*
Open Reduction of Hip Fracture	15	13.3	5.4	*	20.0	9.9	*	26.7	12.8	*
Prostatectomy	13	0.0	0.8	*	0.0	1.9	*	0.0	3.2	*
Cholecystectomy	15	0.0	3.8	*	0.0	7.3	*	0.0	9.6	*
Hysterectomy	15	0.0	0.7	*	0.0	1.4	*	0.0	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	609	9.9	9.9	1.5	14.4	15.1	1.7	18.9	19.0	1.8
CONDITIONS:										
Acute Myocardial Infarction	20	15.0	26.4	*	20.0	28.9	*	20.0	31.8	*
Congestive Heart Failure	41	14.6	17.6	*	22.0	26.6	*	31.7	33.9	*
Pneumonia/Influenza	18	22.2	19.6	*	27.8	25.9	*	27.8	30.8	*
Chronic Obstructive Pulmonary Disease	15	40.0	12.4	*	40.0	19.3	*	40.0	24.6	*
Transient Cerebral Ischemia	17	0.0	2.1	*	0.0	4.7	*	0.0	7.5	*
Stroke	28	35.7	21.1	*	42.9	28.0	*	50.0	32.4	*
Hip Fracture	17	0.0	9.0	*	0.0	15.6	*	5.9	19.7	*
Sepsis	7	28.6	31.1	*	42.9	38.9	*	42.9	45.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	10.9	*	0.0	25.8	*	0.0	39.0	*
Carotid Endarterectomy	1	0.0	2.1	*	0.0	4.3	*	0.0	6.5	*
Hip Replacement/Reconstruction	13	0.0	2.1	*	0.0	4.1	*	0.0	5.7	*
Open Reduction of Hip Fracture	11	0.0	9.2	*	0.0	16.5	*	9.1	20.8	*
Prostatectomy	14	0.0	0.5	*	0.0	1.1	*	0.0	2.0	*
Cholecystectomy	13	7.7	3.9	*	7.7	7.0	*	15.4	9.1	*
Hysterectomy	5	0.0	0.6	*	0.0	1.2	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

DOCTORS HOSPITAL

5230 South 6th Street
Springfield, IL 62794

Medicare Provider Number: 140285

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	846	9.5	8.2	1.5	14.3	12.7	1.8	18.1	16.3	2.0
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	27.3	*	30.0	31.0	*	30.0	35.1	*
Congestive Heart Failure	42	19.0	14.1	*	33.3	22.1	*	38.1	28.8	*
Pneumonia/Influenza	53	20.8	18.0	5.5	26.4	24.8	6.2	30.2	30.0	6.3
Chronic Obstructive Pulmonary Disease	19	0.0	6.8	*	10.5	12.1	*	15.8	16.9	*
Transient Cerebral Ischemia	16	0.0	1.7	*	0.0	3.8	*	0.0	6.0	*
Stroke	39	17.9	16.5	*	17.9	23.8	*	25.6	28.5	*
Hip Fracture	17	5.9	6.1	*	11.8	11.5	*	11.8	15.3	*
Sepsis	8	12.5	27.4	*	25.0	34.6	*	37.5	40.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	3	0.0	0.8	*	0.0	1.4	*	0.0	2.1	*
Hip Replacement/Reconstruction	5	0.0	7.9	*	20.0	15.1	*	20.0	19.8	*
Open Reduction of Hip Fracture	4	25.0	7.1	*	25.0	14.1	*	25.0	18.9	*
Prostatectomy	35	2.9	1.1	*	2.9	2.8	*	2.9	4.8	*
Cholecystectomy	17	0.0	3.7	*	0.0	7.4	*	5.9	10.3	*
Hysterectomy	5	0.0	1.2	*	0.0	2.2	*	0.0	3.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	122
Occupancy Rate	43
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	205
Percent of Physicians Board Certified Specialists	81
Medical Residents/Interns	0
Registered Nurses	75
Licensed Practical Nurses	26

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DOCTORS HOSPITAL

Medicare Provider Number: 140285

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	457	9.8	8.2	1.6	14.4	12.7	2.1	19.5	16.4	2.9
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	33.8	*	20.0	39.0	*	40.0	43.6	*
Congestive Heart Failure	31	16.1	15.0	*	19.4	22.8	*	32.3	29.3	*
Pneumonia/Influenza	34	23.5	19.8	*	32.4	27.0	*	35.3	32.0	*
Chronic Obstructive Pulmonary Disease	10	10.0	7.1	*	20.0	12.2	*	30.0	16.4	*
Transient Cerebral Ischemia	10	10.0	1.6	*	10.0	3.4	*	10.0	5.3	*
Stroke	22	13.6	16.1	*	31.8	22.5	*	36.4	26.9	*
Hip Fracture	6	0.0	4.5	*	16.7	8.7	*	16.7	11.7	*
Sepsis	1	0.0	22.0	*	0.0	26.3	*	0.0	31.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	4.3	*	0.0	9.3	*	0.0	14.1	*
Carotid Endarterectomy	1	0.0	1.1	*	0.0	2.2	*	0.0	3.2	*
Hip Replacement/Reconstruction	3	0.0	4.3	*	0.0	8.6	*	0.0	11.7	*
Open Reduction of Hip Fracture	1	0.0	6.8	*	100.0	14.1	*	100.0	19.3	*
Prostatectomy	18	0.0	1.1	*	5.6	2.4	*	11.1	3.8	*
Cholecystectomy	10	10.0	2.5	*	20.0	3.6	*	20.0	4.5	*
Hysterectomy	3	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	450	7.8	9.3	1.9	12.2	14.0	2.4	16.9	17.8	2.2
CONDITIONS:										
Acute Myocardial Infarction	9	22.2	28.9	*	22.2	32.1	*	44.4	35.6	*
Congestive Heart Failure	31	16.1	17.8	*	19.4	25.8	*	29.0	32.7	*
Pneumonia/Influenza	25	8.0	19.0	*	20.0	25.4	*	28.0	30.7	*
Chronic Obstructive Pulmonary Disease	12	8.3	9.4	*	25.0	15.4	*	25.0	20.2	*
Transient Cerebral Ischemia	14	0.0	3.1	*	7.1	7.0	*	7.1	11.0	*
Stroke	19	10.5	23.1	*	31.6	30.1	*	36.8	35.0	*
Hip Fracture	13	7.7	6.9	*	7.7	11.9	*	15.4	15.2	*
Sepsis	6	33.3	36.6	*	33.3	43.1	*	33.3	48.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.9	*	0.0	7.0	*	0.0	11.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	5.7	*	0.0	10.7	*	0.0	14.0	*
Open Reduction of Hip Fracture	2	0.0	9.5	*	0.0	16.0	*	0.0	19.7	*
Prostatectomy	17	0.0	1.2	*	0.0	2.5	*	0.0	3.9	*
Cholecystectomy	6	0.0	3.6	*	0.0	6.3	*	0.0	8.3	*
Hysterectomy	3	0.0	3.1	*	0.0	5.0	*	0.0	6.9	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

DOUGLAS COUNTY-JARMAN MEMORIAL HOSPITAL

704 North Main St
Tuscola, IL 61953

Medicare Provider Number: 140232

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	163	11.0	10.3	2.7	14.1	15.7	3.2	16.6	19.9	4.2
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	32.2	*	0.0	34.8	*	0.0	37.9	*
Congestive Heart Failure	16	31.3	15.2	*	37.5	24.2	*	43.8	31.4	*
Pneumonia/Influenza	16	0.0	16.5	*	6.3	21.8	*	6.3	26.1	*
Chronic Obstructive Pulmonary Disease	5	0.0	22.8	*	0.0	34.4	*	0.0	40.4	*
Transient Cerebral Ischemia	3	33.3	4.9	*	33.3	11.6	*	33.3	18.5	*
Stroke	5	40.0	30.6	*	40.0	39.6	*	40.0	44.9	*
Hip Fracture	0									
Sepsis	4	0.0	10.4	*	0.0	13.9	*	0.0	16.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	1.2	*	0.0	2.7	*	0.0	4.2	*
Cholecystectomy	3	0.0	1.5	*	0.0	2.4	*	0.0	3.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	58
Ownership/Control	Local Government

STAFFING:

Medical Residents/Interns	0
Registered Nurses	13
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	Yes
Intensive Care Unit	No
Organ Transplant	Yes
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

DOUGLAS COUNTY-JARMAN MEMORIAL HOSPITAL

Medicare Provider Number: 140232

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	200	14.5	11.6	4.4	21.5	17.1	5.4	22.5	21.2	4.5
CONDITIONS:										
Acute Myocardial Infarction	10	40.0	31.5	*	40.0	35.8	*	40.0	39.7	*
Congestive Heart Failure	27	33.3	20.0	*	37.0	30.7	*	40.7	38.7	*
Pneumonia/Influenza	21	28.6	19.0	*	38.1	25.5	*	38.1	30.4	*
Chronic Obstructive Pulmonary Disease	3	0.0	11.2	*	33.3	17.7	*	33.3	22.9	*
Transient Cerebral Ischemia	2	0.0	3.0	*	0.0	6.0	*	0.0	9.0	*
Stroke	8	37.5	19.3	*	37.5	25.9	*	50.0	30.8	*
Hip Fracture	5	20.0	5.6	*	60.0	9.7	*	60.0	12.2	*
Sepsis	0									
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	3.4	*	100.0	6.8	*	100.0	9.2	*
Open Reduction of Hip Fracture	1	0.0	4.5	*	0.0	8.2	*	0.0	10.5	*
Prostatectomy	6	0.0	0.7	*	0.0	1.5	*	0.0	2.4	*
Cholecystectomy	3	0.0	1.9	*	0.0	3.3	*	0.0	4.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	215	11.6	9.2	4.4	15.8	14.2	5.0	18.1	18.3	6.3
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	39.3	*	0.0	46.0	*	33.3	49.7	*
Congestive Heart Failure	14	28.6	16.4	*	28.6	25.7	*	42.9	33.2	*
Pneumonia/Influenza	22	22.7	20.6	*	27.3	27.4	*	31.8	32.7	*
Chronic Obstructive Pulmonary Disease	5	20.0	10.8	*	20.0	16.1	*	20.0	20.5	*
Transient Cerebral Ischemia	3	33.3	2.0	*	33.3	4.7	*	33.3	7.7	*
Stroke	9	22.2	25.6	*	44.4	32.0	*	44.4	37.3	*
Hip Fracture	9	11.1	5.5	*	22.2	10.8	*	22.2	14.8	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	33.3	4.4	*	33.3	9.3	*	33.3	13.2	*
Open Reduction of Hip Fracture	8	12.5	4.8	*	25.0	10.0	*	25.0	14.0	*
Prostatectomy	6	0.0	0.8	*	0.0	1.8	*	0.0	2.9	*
Cholecystectomy	3	0.0	4.3	*	0.0	7.2	*	0.0	8.8	*
Hysterectomy	1	0.0	0.0	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

DR JOHN WARNER HOSPITAL

422 W White Street
Clinton, IL 61727

Medicare Provider Number: 140146

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	280	11.8	8.0	7.7	17.1	12.5	10.0	19.6	16.2	9.2
CONDITIONS:										
Acute Myocardial Infarction	6	100.0	44.1	*	100.0	49.0	*	100.0	54.0	*
Congestive Heart Failure	20	20.0	13.9	*	25.0	22.4	*	35.0	29.4	*
Pneumonia/Influenza	15	20.0	17.7	*	46.7	25.3	*	53.3	30.7	*
Chronic Obstructive Pulmonary Disease	8	0.0	5.8	*	0.0	10.9	*	0.0	15.7	*
Transient Cerebral Ischemia	10	0.0	1.6	*	10.0	3.4	*	10.0	5.5	*
Stroke	10	10.0	18.7	*	10.0	23.4	*	10.0	27.4	*
Hip Fracture	6	16.7	5.0	*	16.7	9.2	*	16.7	12.1	*
Sepsis	1	0.0	28.1	*	0.0	38.6	*	0.0	43.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	50.0	4.1	*	50.0	7.9	*	50.0	10.6	*
Open Reduction of Hip Fracture	3	0.0	5.0	*	0.0	9.6	*	0.0	12.8	*
Prostatectomy	0									
Cholecystectomy	3	0.0	1.2	*	0.0	2.0	*	0.0	2.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	52
Occupancy Rate	27
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	67
Medical Residents/Interns	0
Registered Nurses	23
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DR JOHN WARNER HOSPITAL

Medicare Provider Number: 140146

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	375	9.9	8.4	1.9	15.5	12.2	2.6	18.1	15.6	3.0
CONDITIONS:										
Acute Myocardial Infarction	23	30.4	29.1	*	39.1	32.3	*	43.5	35.9	*
Congestive Heart Failure	11	27.3	16.1	*	45.5	24.2	*	45.5	30.8	*
Pneumonia/Influenza	23	21.7	15.2	*	34.8	20.6	*	34.8	24.8	*
Chronic Obstructive Pulmonary Disease	10	0.0	7.6	*	10.0	13.1	*	20.0	17.9	*
Transient Cerebral Ischemia	13	0.0	2.4	*	7.7	5.4	*	7.7	8.6	*
Stroke	10	30.0	17.7	*	30.0	23.0	*	40.0	27.2	*
Hip Fracture	6	16.7	5.2	*	16.7	9.2	*	16.7	11.9	*
Sepsis	4	50.0	35.5	*	50.0	47.6	*	50.0	55.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	5.2	*	0.0	9.8	*	0.0	12.8	*
Open Reduction of Hip Fracture	3	0.0	2.8	*	0.0	5.5	*	0.0	7.6	*
Prostatectomy	3	0.0	0.6	*	0.0	1.6	*	0.0	2.7	*
Cholecystectomy	6	16.7	1.3	*	16.7	2.3	*	16.7	3.0	*
Hysterectomy	0									

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	385	9.9	8.3	2.7	13.0	12.7	2.1	16.6	16.5	3.0
CONDITIONS:										
Acute Myocardial Infarction	15	26.7	32.6	*	26.7	36.7	*	26.7	41.2	*
Congestive Heart Failure	27	11.1	14.2	*	18.5	22.4	*	22.2	29.2	*
Pneumonia/Influenza	18	16.7	14.9	*	22.2	21.0	*	27.8	26.2	*
Chronic Obstructive Pulmonary Disease	5	0.0	3.2	*	0.0	6.3	*	40.0	9.2	*
Transient Cerebral Ischemia	6	0.0	2.0	*	0.0	4.3	*	0.0	6.8	*
Stroke	14	50.0	20.8	*	64.3	28.7	*	64.3	34.1	*
Hip Fracture	8	12.5	4.2	*	37.5	8.2	*	37.5	11.2	*
Sepsis	6	33.3	36.4	*	33.3	44.9	*	33.3	52.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	7.1	*	100.0	14.5	*	100.0	20.0	*
Open Reduction of Hip Fracture	6	16.7	4.2	*	50.0	8.5	*	50.0	11.8	*
Prostatectomy	8	12.5	1.4	*	12.5	3.5	*	12.5	5.9	*
Cholecystectomy	4	25.0	7.0	*	25.0	14.4	*	25.0	20.1	*
Hysterectomy	0									

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

EDGEWATER MEDICAL CENTER

5700 N Ashland Avenue
Chicago, IL 60660

Medicare Provider Number: 140087

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,425	9.8	11.3	1.5	16.7	17.0	1.0	20.4	21.3	1.2
CONDITIONS:										
Acute Myocardial Infarction	42	33.3	30.0	*	35.7	33.5	*	38.1	36.8	*
Congestive Heart Failure	79	11.4	16.1	5.6	24.1	25.0	5.1	29.1	32.2	6.1
Pneumonia/Influenza	65	23.1	21.0	5.3	40.0	28.2	9.0	40.0	33.4	7.7
Chronic Obstructive Pulmonary Disease	16	6.3	13.7	*	18.8	20.0	*	25.0	24.8	*
Transient Cerebral Ischemia	49	0.0	2.2	*	4.1	5.0	*	4.1	8.0	*
Stroke	54	13.0	20.8	6.7	24.1	27.3	6.8	25.9	31.5	7.0
Hip Fracture	29	3.4	7.0	*	6.9	12.5	*	6.9	16.1	*
Sepsis	37	35.1	30.4	*	54.1	39.8	*	59.5	45.9	*
PROCEDURES:										
Angioplasty	7	0.0	2.1	*	0.0	2.6	*	0.0	3.4	*
Coronary Artery Bypass Graft	22	9.1	4.9	*	18.2	6.9	*	18.2	8.3	*
Initial Pacemaker Insertion	24	4.2	5.8	*	16.7	10.3	*	16.7	14.5	*
Carotid Endarterectomy	1	0.0	2.0	*	0.0	3.7	*	0.0	5.6	*
Hip Replacement/Reconstruction	10	0.0	6.1	*	0.0	11.0	*	0.0	14.3	*
Open Reduction of Hip Fracture	15	6.7	6.5	*	13.3	11.9	*	13.3	15.4	*
Prostatectomy	20	0.0	1.6	*	0.0	4.0	*	0.0	7.0	*
Cholecystectomy	16	18.8	8.4	*	31.3	16.1	*	37.5	20.9	*
Hysterectomy	5	0.0	2.0	*	0.0	4.0	*	20.0	5.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	156
Occupancy Rate	70
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	133
Percent of Physicians Board Certified Specialists	76
Medical Residents/Interns	21
Registered Nurses	198
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

EDGEWATER MEDICAL CENTER

Medicare Provider Number: 140087

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1,541	9.7	11.9	1.0	15.4	17.6	1.2	19.7	21.9	1.3
CONDITIONS:										
Acute Myocardial Infarction	52	28.8	27.3	7.0	32.7	30.8	6.6	32.7	34.2	6.7
Congestive Heart Failure	99	11.1	18.9	6.1	19.2	28.3	6.8	28.3	35.6	7.0
Pneumonia/Influenza	34	23.5	18.2	*	26.5	24.4	*	32.4	29.1	*
Chronic Obstructive Pulmonary Disease	10	0.0	9.2	*	0.0	15.5	*	0.0	20.7	*
Transient Cerebral Ischemia	57	0.0	2.3	3.8	3.5	5.2	5.3	10.5	8.1	5.2
Stroke	45	22.2	25.6	*	26.7	33.3	*	28.9	38.3	*
Hip Fracture	33	6.1	7.6	*	12.1	13.2	*	15.2	16.7	*
Sepsis	34	20.6	38.0	*	32.4	48.9	*	38.2	55.8	*
PROCEDURES:										
Angioplasty	7	0.0	1.1	*	0.0	1.5	*	14.3	2.1	*
Coronary Artery Bypass Graft	14	7.1	7.4	*	7.1	9.8	*	14.3	11.3	*
Initial Pacemaker Insertion	23	8.7	3.8	*	13.0	7.0	*	17.4	10.0	*
Carotid Endarterectomy	3	0.0	2.1	*	0.0	4.6	*	0.0	6.9	*
Hip Replacement/Reconstruction	11	9.1	4.2	*	18.2	8.3	*	18.2	11.2	*
Open Reduction of Hip Fracture	18	5.6	6.9	*	11.1	12.2	*	16.7	15.3	*
Prostatectomy	26	0.0	2.3	*	3.8	5.7	*	7.7	9.2	*
Cholecystectomy	18	5.6	4.3	*	5.6	8.4	*	5.6	11.7	*
Hysterectomy	6	0.0	12.9	*	0.0	14.4	*	16.7	14.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1,686	9.0	11.4	4.4	15.4	16.9	4.1	19.0	21.1	4.9
CONDITIONS:										
Acute Myocardial Infarction	49	18.4	32.1	*	32.7	36.0	*	32.7	39.5	*
Congestive Heart Failure	94	14.9	19.1	5.5	22.3	28.8	6.7	27.7	36.4	8.4
Pneumonia/Influenza	54	9.3	19.5	7.9	13.0	26.0	9.1	14.8	30.9	10.0
Chronic Obstructive Pulmonary Disease	14	7.1	7.5	*	7.1	12.7	*	7.1	17.6	*
Transient Cerebral Ischemia	74	2.7	2.4	2.2	6.8	5.2	4.1	9.5	8.3	6.2
Stroke	68	13.2	23.3	10.4	23.5	30.3	10.0	29.4	35.0	10.0
Hip Fracture	24	8.3	8.5	*	16.7	14.4	*	16.7	17.9	*
Sepsis	47	25.5	38.3	*	40.4	48.0	*	46.8	54.7	*
PROCEDURES:										
Angioplasty	1	0.0	3.4	*	0.0	4.6	*	0.0	6.1	*
Coronary Artery Bypass Graft	10	10.0	5.8	*	10.0	7.7	*	10.0	8.8	*
Initial Pacemaker Insertion	24	0.0	4.2	*	0.0	8.7	*	8.3	12.8	*
Carotid Endarterectomy	5	20.0	2.3	*	20.0	4.9	*	20.0	7.3	*
Hip Replacement/Reconstruction	9	11.1	6.2	*	22.2	10.9	*	22.2	13.8	*
Open Reduction of Hip Fracture	16	0.0	6.8	*	6.3	12.2	*	6.3	15.7	*
Prostatectomy	35	5.7	1.0	*	5.7	2.4	*	8.6	4.2	*
Cholecystectomy	28	0.0	5.0	*	0.0	8.4	*	3.6	10.3	*
Hysterectomy	3	0.0	2.9	*	33.3	6.0	*	33.3	8.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

EDWARD A UTLAUT MEMORIAL HOSPITAL

Grigg & Hwy 140
Greenville, IL 62246

Medicare Provider Number: 140137

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	417	10.6	11.7	1.8	14.6	16.9	2.6	18.9	20.9	3.3
CONDITIONS:										
Acute Myocardial Infarction	20	20.0	31.2	*	20.0	34.9	*	20.0	38.6	*
Congestive Heart Failure	31	19.4	14.1	*	22.6	21.7	*	25.8	28.4	*
Pneumonia/Influenza	24	8.3	19.5	*	29.2	26.2	*	33.3	31.1	*
Chronic Obstructive Pulmonary Disease	11	0.0	4.7	*	0.0	8.8	*	0.0	12.6	*
Transient Cerebral Ischemia	9	0.0	2.1	*	0.0	4.6	*	0.0	7.4	*
Stroke	23	17.4	21.7	*	26.1	28.1	*	39.1	32.7	*
Hip Fracture	10	0.0	7.0	*	0.0	12.2	*	20.0	15.6	*
Sepsis	6	0.0	21.2	*	0.0	27.4	*	0.0	33.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	4.1	*	0.0	7.9	*	0.0	10.7	*
Open Reduction of Hip Fracture	5	0.0	4.8	*	0.0	8.9	*	20.0	11.9	*
Prostatectomy	12	0.0	1.5	*	0.0	3.5	*	0.0	5.6	*
Cholecystectomy	4	0.0	0.8	*	0.0	1.3	*	0.0	1.9	*
Hysterectomy	1	0.0	0.0	*	0.0	0.1	*	0.0	0.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	204
Occupancy Rate	77
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	0
Registered Nurses	35
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

EDWARD A UTLAUT MEMORIAL HOSPITAL

Medicare Provider Number: 140137

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	423	10.6	12.0	1.9	18.2	17.3	2.9	21.5	21.5	2.0
CONDITIONS:										
Acute Myocardial Infarction	19	10.5	32.2	*	10.5	35.6	*	10.5	39.8	*
Congestive Heart Failure	44	18.2	18.6	*	34.1	27.5	*	38.6	34.6	*
Pneumonia/Influenza	32	18.8	21.0	*	31.3	28.3	*	34.4	33.7	*
Chronic Obstructive Pulmonary Disease	17	0.0	6.9	*	17.6	13.8	*	17.6	20.0	*
Transient Cerebral Ischemia	8	12.5	2.1	*	25.0	4.8	*	25.0	7.7	*
Stroke	19	10.5	18.0	*	15.8	24.0	*	21.1	28.4	*
Hip Fracture	18	11.1	7.1	*	16.7	13.5	*	22.2	18.1	*
Sepsis	5	0.0	15.8	*	0.0	21.3	*	0.0	25.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	5.8	*	14.3	12.5	*	14.3	17.8	*
Open Reduction of Hip Fracture	4	25.0	7.9	*	25.0	15.4	*	50.0	20.6	*
Prostatectomy	5	0.0	0.6	*	0.0	1.4	*	0.0	2.3	*
Cholecystectomy	2	0.0	1.2	*	0.0	2.3	*	0.0	2.9	*
Hysterectomy	5	0.0	0.4	*	0.0	0.6	*	0.0	0.9	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	428	13.3	12.1	3.8	17.8	17.5	7.1	20.6	21.8	10.7
CONDITIONS:										
Acute Myocardial Infarction	20	35.0	39.7	*	35.0	43.7	*	35.0	47.9	*
Congestive Heart Failure	32	18.8	17.0	*	34.4	25.6	*	37.5	32.7	*
Pneumonia/Influenza	38	18.4	18.3	*	21.1	24.1	*	26.3	28.7	*
Chronic Obstructive Pulmonary Disease	5	20.0	6.0	*	20.0	9.8	*	20.0	13.3	*
Transient Cerebral Ischemia	4	0.0	3.3	*	0.0	7.8	*	0.0	12.5	*
Stroke	20	20.0	24.0	*	25.0	31.1	*	30.0	36.2	*
Hip Fracture	19	0.0	5.7	*	0.0	10.1	*	5.3	13.2	*
Sepsis	7	14.3	28.4	*	14.3	35.7	*	14.3	41.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	4.8	*	0.0	9.2	*	0.0	12.4	*
Open Reduction of Hip Fracture	6	0.0	5.0	*	0.0	9.5	*	0.0	12.5	*
Prostatectomy	12	0.0	1.3	*	0.0	3.3	*	0.0	5.5	*
Cholecystectomy	9	0.0	3.7	*	0.0	8.2	*	0.0	12.4	*
Hysterectomy	8	12.5	0.9	*	12.5	1.8	*	12.5	2.8	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

EDWARD HOSPITAL

801 South Washington
Naperville, IL 60566

Medicare Provider Number: 140231

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,148	9.5	10.9	1.8	13.8	16.1	1.5	18.3	20.3	1.5
CONDITIONS:										
Acute Myocardial Infarction	36	19.4	30.1	*	27.8	33.6	*	27.8	37.2	*
Congestive Heart Failure	61	8.2	17.2	8.8	21.3	26.5	8.1	29.5	33.8	7.2
Pneumonia/Influenza	73	13.7	18.4	5.5	16.4	24.9	7.3	28.8	29.9	6.0
Chronic Obstructive Pulmonary Disease	18	16.7	7.5	*	22.2	12.2	*	22.2	16.6	*
Transient Cerebral Ischemia	26	0.0	1.6	*	3.8	3.6	*	7.7	5.7	*
Stroke	49	10.2	21.9	*	16.3	28.5	*	18.4	33.0	*
Hip Fracture	33	3.0	7.2	*	9.1	12.4	*	15.2	15.6	*
Sepsis	19	31.6	25.2	*	31.6	31.9	*	36.8	36.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	12.5	2.9	*	25.0	5.6	*	25.0	8.2	*
Carotid Endarterectomy	4	0.0	1.4	*	0.0	2.5	*	0.0	3.7	*
Hip Replacement/Reconstruction	17	0.0	4.6	*	0.0	8.9	*	0.0	12.3	*
Open Reduction of Hip Fracture	19	5.3	7.0	*	15.8	12.5	*	26.3	15.9	*
Prostatectomy	19	0.0	0.8	*	0.0	2.1	*	5.3	3.6	*
Cholecystectomy	27	0.0	1.7	*	0.0	2.9	*	0.0	3.6	*
Hysterectomy	7	0.0	2.5	*	0.0	5.8	*	0.0	8.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	155
Occupancy Rate	68
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	165
Percent of Physicians Board Certified Specialists	92
Medical Residents/Interns	0
Registered Nurses	198
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

** Not used in calculating hospital mortality rates.

EDWARD HOSPITAL

Medicare Provider Number: 140231

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,170	9.7	10.8	1.2	14.4	15.8	1.6	18.5	19.7	1.6
CONDITIONS:										
Acute Myocardial Infarction	31	41.9	29.6	*	48.4	33.0	*	51.6	36.7	*
Congestive Heart Failure	64	17.2	16.4	4.7	21.9	24.8	5.9	32.8	31.6	6.3
Pneumonia/Influenza	65	12.3	20.6	5.8	20.0	27.5	6.1	30.8	32.5	6.1
Chronic Obstructive Pulmonary Disease	12	8.3	8.6	*	8.3	14.1	*	8.3	19.1	*
Transient Cerebral Ischemia	36	0.0	1.6	*	0.0	3.5	*	0.0	5.5	*
Stroke	31	29.0	24.9	*	38.7	32.4	*	41.9	37.4	*
Hip Fracture	24	12.5	7.9	*	20.8	14.0	*	20.8	17.7	*
Sepsis	25	16.0	26.5	*	28.0	34.6	*	32.0	40.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	11.1	4.6	*	11.1	8.0	*	11.1	11.0	*
Carotid Endarterectomy	7	0.0	1.4	*	0.0	2.7	*	0.0	3.9	*
Hip Replacement/Reconstruction	12	8.3	4.3	*	16.7	8.0	*	16.7	10.3	*
Open Reduction of Hip Fracture	17	11.8	7.1	*	17.6	13.1	*	17.6	16.8	*
Prostatectomy	19	0.0	1.1	*	0.0	2.7	*	0.0	4.5	*
Cholecystectomy	31	0.0	2.5	*	0.0	3.9	*	0.0	4.8	*
Hysterectomy	8	0.0	1.8	*	0.0	3.8	*	0.0	5.8	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,025	11.3	10.5	1.2	16.1	15.7	1.8	19.9	19.6	1.9
CONDITIONS:										
Acute Myocardial Infarction	22	50.0	34.0	*	50.0	37.1	*	50.0	40.6	*
Congestive Heart Failure	47	19.1	18.9	*	36.2	28.0	*	42.6	35.3	*
Pneumonia/Influenza	61	23.0	19.6	5.5	27.9	26.2	6.0	27.9	31.4	6.9
Chronic Obstructive Pulmonary Disease	23	17.4	9.5	*	30.4	16.1	*	47.8	21.3	*
Transient Cerebral Ischemia	20	5.0	2.0	*	5.0	4.3	*	5.0	6.8	*
Stroke	35	17.1	21.9	*	25.7	29.2	*	34.3	33.9	*
Hip Fracture	31	6.5	8.0	*	19.4	14.1	*	29.0	18.1	*
Sepsis	11	27.3	24.4	*	27.3	34.1	*	45.5	39.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	0.0	2.9	*	0.0	6.5	*	0.0	10.1	*
Carotid Endarterectomy	3	33.3	1.9	*	33.3	3.3	*	33.3	4.7	*
Hip Replacement/Reconstruction	13	0.0	5.5	*	7.7	10.0	*	15.4	12.9	*
Open Reduction of Hip Fracture	19	5.3	6.4	*	21.1	12.0	*	31.6	15.8	*
Prostatectomy	24	4.2	1.5	*	8.3	3.9	*	8.3	6.6	*
Cholecystectomy	24	4.2	4.4	*	8.3	7.5	*	12.5	9.5	*
Hysterectomy	3	0.0	0.4	*	0.0	0.8	*	0.0	1.0	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ELMHURST MEMORIAL HOSPITAL

200 Berteau Ave
Elmhurst, IL 60126

Medicare Provider Number: 140200

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,386	8.0	9.0	1.0	13.5	13.9	1.0	16.9	17.6	1.0
CONDITIONS:										
Acute Myocardial Infarction	87	23.0	24.9	5.1	23.0	27.6	6.2	26.4	30.5	6.5
Congestive Heart Failure	167	18.6	14.9	4.5	31.1	23.0	6.4	37.1	29.8	7.0
Pneumonia/Influenza	133	15.0	16.8	3.8	23.3	22.7	4.0	27.8	27.3	4.1
Chronic Obstructive Pulmonary Disease	28	3.6	7.4	*	7.1	13.3	*	10.7	18.1	*
Transient Cerebral Ischemia	63	0.0	1.7	2.2	1.6	3.8	3.0	3.2	6.1	4.0
Stroke	142	13.4	19.9	5.5	20.4	26.7	5.5	25.4	31.2	5.2
Hip Fracture	74	8.1	6.5	4.0	12.2	11.6	4.9	18.9	15.0	6.9
Sepsis	68	29.4	26.9	8.1	41.2	36.0	11.3	47.1	42.5	14.0
PROCEDURES:										
Angioplasty	83	2.4	4.1	2.9	2.4	5.0	3.3	4.8	6.0	3.1
Coronary Artery Bypass Graft	85	0.0	7.0	3.9	3.5	9.5	4.1	4.7	11.0	4.2
Initial Pacemaker Insertion	40	0.0	4.3	*	7.5	8.3	*	7.5	11.8	*
Carotid Endarterectomy	7	0.0	1.4	*	0.0	2.5	*	0.0	3.7	*
Hip Replacement/Reconstruction	47	4.3	2.2	*	6.4	4.4	*	10.6	6.2	*
Open Reduction of Hip Fracture	39	7.7	6.4	*	12.8	11.7	*	20.5	15.1	*
Prostatectomy	109	1.8	1.4	2.3	5.5	3.4	2.7	7.3	5.6	2.9
Cholecystectomy	70	5.7	3.2	2.7	7.1	5.6	3.2	7.1	7.1	3.1
Hysterectomy	28	3.6	1.1	*	7.1	2.5	*	7.1	4.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	392
Occupancy Rate	74
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	244
Percent of Physicians Board Certified Specialists	77
Medical Residents/Interns	1
Registered Nurses	722
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ELMHURST MEMORIAL HOSPITAL

Medicare Provider Number: 140200

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,446	9.2	9.6	0.6	14.1	14.6	0.7	18.0	18.5	0.8
CONDITIONS:										
Acute Myocardial Infarction	94	27.7	27.8	6.4	33.0	31.4	5.7	34.0	35.0	5.2
Congestive Heart Failure	162	17.9	16.0	3.7	24.1	24.0	3.5	30.2	30.7	3.7
Pneumonia/Influenza	145	18.6	17.5	4.3	24.8	23.5	5.4	31.0	28.3	7.1
Chronic Obstructive Pulmonary Disease	25	8.0	7.9	*	12.0	13.1	*	20.0	17.7	*
Transient Cerebral Ischemia	72	0.0	2.0	2.6	4.2	4.5	2.8	9.7	7.1	4.4
Stroke	140	15.7	21.4	6.6	22.9	28.8	6.7	27.9	33.5	6.6
Hip Fracture	80	10.0	7.8	3.4	13.7	14.1	3.9	18.8	18.1	4.3
Sepsis	52	34.6	27.3	9.1	44.2	35.0	8.7	48.1	41.2	9.2
PROCEDURES:										
Angioplasty	68	4.4	4.6	2.5	5.9	5.5	3.0	5.9	6.6	3.2
Coronary Artery Bypass Graft	59	3.4	7.4	4.1	5.1	9.7	5.1	5.1	11.0	5.4
Initial Pacemaker Insertion	29	0.0	5.0	*	3.4	7.8	*	6.9	10.4	*
Carotid Endarterectomy	1	0.0	1.0	*	0.0	1.5	*	0.0	2.1	*
Hip Replacement/Reconstruction	55	5.5	3.9	2.9	5.5	7.2	4.1	7.3	9.5	4.3
Open Reduction of Hip Fracture	51	7.8	6.4	4.0	11.8	12.2	4.8	19.6	16.1	5.7
Prostatectomy	96	1.0	2.4	1.9	5.2	4.6	3.6	5.2	6.8	4.7
Cholecystectomy	65	3.1	2.6	2.1	4.6	4.6	2.6	6.2	6.1	3.0
Hysterectomy	28	3.6	0.7	*	3.6	1.4	*	7.1	2.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,193	9.5	9.5	1.1	14.8	14.4	1.4	17.7	18.2	1.1
CONDITIONS:										
Acute Myocardial Infarction	94	23.4	30.9	5.2	28.7	34.6	5.1	30.9	38.2	5.4
Congestive Heart Failure	135	14.1	15.4	4.1	20.7	23.2	5.6	26.7	29.7	7.7
Pneumonia/Influenza	161	13.7	17.7	3.2	18.0	23.7	4.5	19.3	28.5	4.6
Chronic Obstructive Pulmonary Disease	29	6.9	13.7	*	13.8	23.1	*	17.2	30.0	*
Transient Cerebral Ischemia	62	0.0	2.1	3.2	6.5	4.6	3.1	9.7	7.2	4.8
Stroke	133	18.0	21.8	6.3	25.6	28.8	7.1	29.3	33.3	7.4
Hip Fracture	64	9.4	7.6	4.5	15.6	13.4	4.7	15.6	17.1	4.9
Sepsis	40	30.0	29.7	*	45.0	38.3	*	52.5	44.5	*
PROCEDURES:										
Angioplasty	1	0.0	1.5	*	0.0	2.1	*	0.0	2.9	*
Coronary Artery Bypass Graft	18	5.6	7.1	*	5.6	8.9	*	5.6	10.1	*
Initial Pacemaker Insertion	46	6.5	4.1	*	6.5	7.7	*	6.5	11.0	*
Carotid Endarterectomy	10	0.0	2.1	*	10.0	4.0	*	10.0	5.6	*
Hip Replacement/Reconstruction	44	0.0	3.9	*	2.3	7.3	*	2.3	9.6	*
Open Reduction of Hip Fracture	28	10.7	7.3	*	17.9	13.1	*	17.9	16.6	*
Prostatectomy	120	0.8	1.1	1.1	1.7	2.6	2.3	5.0	4.2	2.4
Cholecystectomy	72	1.4	4.8	3.7	6.9	8.7	4.9	8.3	11.4	5.4
Hysterectomy	27	0.0	1.4	*	3.7	3.2	*	3.7	5.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

Provider No. 140200

Elmhurst Memorial Hospital

COMMENTS ON THE HCFA MORTALITY DATA
Submitted Tuesday, January 8, 1991

Introduction

In reviewing the HCFA mortality data, comparing data from 1987, 1988 and 1989, Elmhurst Memorial Hospital finds for all conditions and procedures, there is no meaningful difference between the observed and predicted rates displayed.

Response to Presentation of Data

Since 1926, Elmhurst Memorial Hospital has served the health care needs of the entire family. That commitment is seen in the scope of services offered to residents of western Cook and DuPage Counties. It is a concern that the mortality data presented by HCFA provides less than a complete picture of the approach to care for which Elmhurst Memorial Hospital has always been known.

Medicare patients comprised approximately 27.6 percent of the total inpatient care rendered by Elmhurst Memorial Hospital. The hospital recognizes it is serving a patient population that is maturing in a manner consistent with trends nationwide.

Services designed especially for older adults enable the hospital to meet the unique needs of that population. During the past several years, cardiac care programming met the needs of those with chronic as well as acute heart disease, while decreasing the mortality percentages in both areas.

Commitment to Quality

Quality is an intangible commodity. It is not easily measured; it is certainly not something that can be packaged. Throughout Elmhurst Memorial Hospital, quality is assessed on a regular basis, at the individual patient level, and through the peer review process--physicians reviewing physicians. This type of review provides multifaceted data: severity of illness, appropriateness of treatment, sequence of events, disease process, outcome, etc., to measure quality of care which we at Elmhurst Memorial Hospital believe is very important.

Commitment to Excellence

Elmhurst Memorial Hospital has identified its services and care for the elderly as an area of excellence. A variety of programs

continued on next page

200 Berteau Avenue, Elmhurst, Illinois 60126 708/833-1400

promote nursing and medical staff awareness of the needs of the elderly. Continuing medical education for physicians on staff frequently includes programs on the needs of older adults.

Our commitment to older adults also is evident in educational programs presented in locations where they gather, throughout DuPage County. Programs explore issues such as caring for the chronically ill partner, older adult nutritional needs, remaining physically fit, and much more. As a primary provider within the Rush Alzheimer's Disease Network, Elmhurst Hospital's Alzheimer's Assessment (at the Senior Health Center at Concord Plaza in Northlake) provides an important service for older adults.

Understanding Chronic and Terminal Illness

Inherent to chronic disease or illness are the risks and the likelihood of increased mortality rates within the total body of patients treated. Recognizing this is important to understanding an institution's willingness to provide services not offered by other hospitals... in spite of the potential of attracting higher risk patients for care. Caring for higher numbers of terminally ill patients--in conjunction with Elmhurst Memorial Home Health Services--means the hospital's acuity level is higher.

Closing Statement

While Elmhurst Memorial Hospital was identified as not deviating significantly from predicted mortality rates, the real issue remains how to identify for the health care consumer--the patient and patient's family--what the data really means.

Measuring overall hospital performance or quality on the basis of a sampling of older adults is simply not an appropriate basis for assessment. The health care consumer needs to recognize the intangible commodities of service, compassion, trust, and the relationship between physician and patient when making a choice for medical treatment.

EUREKA HOSPITAL

101 S Major Street
Eureka, IL 61530

Medicare Provider Number: 140014

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	232	8.2	7.2	1.8	12.5	11.2	2.3	15.9	14.6	3.8
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	31.8	*	40.0	35.4	*	40.0	40.2	*
Congestive Heart Failure	12	25.0	15.0	*	25.0	22.6	*	41.7	29.4	*
Pneumonia/Influenza	7	0.0	14.8	*	0.0	20.4	*	0.0	24.9	*
Chronic Obstructive Pulmonary Disease	2	0.0	4.7	*	0.0	9.0	*	50.0	13.2	*
Transient Cerebral Ischemia	3	0.0	2.6	*	0.0	6.1	*	0.0	9.8	*
Stroke	15	20.0	18.6	*	20.0	24.7	*	26.7	29.1	*
Hip Fracture	4	0.0	9.1	*	25.0	16.0	*	25.0	20.3	*
Sepsis	1	0.0	23.2	*	0.0	28.0	*	0.0	34.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	5.5	*	0.0	10.5	*	0.0	14.1	*
Open Reduction of Hip Fracture	1	0.0	4.7	*	0.0	9.5	*	0.0	13.3	*
Prostatectomy	7	0.0	0.2	*	0.0	0.5	*	0.0	1.0	*
Cholecystectomy	10	10.0	1.6	*	10.0	2.8	*	10.0	3.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1991

Total Beds	35
Ownership/Control	Church

STAFFING:

Medical Residents/Interns	0
Registered Nurses	30
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	No
Organ Transplant	No
Rehabilitation	Yes
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

EUREKA HOSPITAL

Medicare Provider Number: 140014

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	238	8.8	8.2	1.9	12.2	12.4	2.1	14.7	15.8	2.6
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	18.6	*	0.0	21.7	*	0.0	24.8	*
Congestive Heart Failure	11	18.2	14.2	*	18.2	21.3	*	36.4	27.3	*
Pneumonia/Influenza	12	25.0	16.4	*	33.3	22.6	*	33.3	27.4	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	8	0.0	2.2	*	0.0	4.9	*	0.0	7.7	*
Stroke	11	36.4	29.4	*	36.4	38.6	*	45.5	44.4	*
Hip Fracture	0									
Sepsis	3	0.0	24.6	*	0.0	30.3	*	0.0	36.5	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	6	0.0	0.5	*	0.0	1.1	*	0.0	1.8	*
Cholecystectomy	6	0.0	1.6	*	0.0	2.6	*	0.0	3.3	*
Hysterectomy	2	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	212	9.0	10.6	5.5	14.6	14.6	5.2	17.0	17.9	5.3
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	37.7	*	40.0	41.6	*	40.0	45.5	*
Congestive Heart Failure	9	0.0	15.3	*	22.2	23.3	*	22.2	30.1	*
Pneumonia/Influenza	12	0.0	17.1	*	8.3	23.2	*	16.7	28.2	*
Chronic Obstructive Pulmonary Disease	2	0.0	6.3	*	0.0	11.9	*	0.0	17.0	*
Transient Cerebral Ischemia	7	0.0	2.0	*	0.0	4.4	*	0.0	7.1	*
Stroke	14	14.3	21.2	*	35.7	28.0	*	42.9	33.0	*
Hip Fracture	6	50.0	8.1	*	50.0	14.5	*	50.0	18.6	*
Sepsis	3	0.0	34.5	*	0.0	39.1	*	0.0	44.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	7.3	*	0.0	15.5	*	0.0	21.5	*
Open Reduction of Hip Fracture	2	50.0	7.1	*	50.0	13.1	*	50.0	16.9	*
Prostatectomy	3	0.0	0.5	*	0.0	1.2	*	0.0	1.8	*
Cholecystectomy	8	0.0	4.8	*	0.0	8.7	*	0.0	11.0	*
Hysterectomy	2	0.0	1.0	*	0.0	2.3	*	0.0	3.6	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

EVANSTON HOSPITAL

2650 Ridge Ave
Evanston, IL 60201

Medicare Provider Number: 140010

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,368	7.5	9.2	0.5	12.1	14.2	0.7	15.7	18.1	0.6
CONDITIONS:										
Acute Myocardial Infarction	164	19.5	32.1	5.2	23.2	35.6	5.3	26.8	39.2	5.5
Congestive Heart Failure	179	14.5	17.0	5.5	23.5	26.0	7.3	29.6	33.3	6.2
Pneumonia/Influenza	140	11.4	16.4	5.4	16.4	22.3	6.0	21.4	26.7	5.7
Chronic Obstructive Pulmonary Disease	39	5.1	8.7	*	12.8	14.5	*	15.4	19.5	*
Transient Cerebral Ischemia	76	0.0	1.8	2.0	2.6	4.0	2.7	2.6	6.3	4.1
Stroke	155	20.0	22.0	4.3	27.1	29.3	5.7	28.4	33.9	6.3
Hip Fracture	116	9.5	7.4	3.4	10.3	13.0	3.4	12.1	16.7	4.3
Sepsis	28	25.0	31.4	*	32.1	41.9	*	42.9	48.6	*
PROCEDURES:										
Angioplasty	38	2.6	3.6	*	2.6	4.7	*	2.6	5.9	*
Coronary Artery Bypass Graft	87	3.4	7.4	3.8	5.7	10.3	4.4	5.7	12.0	4.7
Initial Pacemaker Insertion	23	4.3	5.6	*	4.3	9.7	*	4.3	12.8	*
Carotid Endarterectomy	7	0.0	1.2	*	0.0	2.3	*	0.0	3.3	*
Hip Replacement/Reconstruction	98	4.1	3.4	2.2	7.1	6.3	3.4	8.2	8.4	4.1
Open Reduction of Hip Fracture	68	5.9	6.9	3.4	5.9	12.8	5.5	7.4	16.6	7.0
Prostatectomy	106	0.0	1.0	1.3	0.9	2.5	1.9	3.8	4.3	2.8
Cholecystectomy	56	1.8	2.8	*	1.8	5.1	*	1.8	6.7	*
Hysterectomy	29	6.9	2.1	*	10.3	4.5	*	10.3	6.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	545
Occupancy Rate	80
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	568
Percent of Physicians Board Certified Specialists	88
Medical Residents/Interns	0
Registered Nurses	725
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

EVANSTON HOSPITAL

Medicare Provider Number: 140010

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,507	7.9	9.9	0.5	12.8	14.9	0.6	16.2	18.9	0.6
CONDITIONS:										
Acute Myocardial Infarction	150	21.3	33.2	6.0	26.0	36.5	5.9	30.7	40.2	5.4
Congestive Heart Failure	181	16.0	19.1	4.6	22.7	28.6	5.9	29.3	36.1	6.5
Pneumonia/Influenza	139	17.3	18.4	3.5	21.6	25.1	4.2	24.5	30.1	5.4
Chronic Obstructive Pulmonary Disease	30	16.7	12.9	*	30.0	19.9	*	33.3	25.3	*
Transient Cerebral Ischemia	49	0.0	2.0	*	2.0	4.5	*	2.0	7.1	*
Stroke	150	14.0	25.0	6.0	25.3	32.1	4.6	29.3	37.0	5.0
Hip Fracture	143	5.6	7.5	3.0	10.5	13.6	5.7	13.3	17.4	6.4
Sepsis	36	25.0	28.3	*	44.4	36.8	*	47.2	43.1	*
PROCEDURES:										
Angioplasty	26	3.8	4.6	*	3.8	5.8	*	3.8	6.9	*
Coronary Artery Bypass Graft	67	4.5	7.3	4.0	7.5	9.9	4.6	7.5	11.6	5.3
Initial Pacemaker Insertion	21	0.0	7.5	*	0.0	11.3	*	0.0	14.5	*
Carotid Endarterectomy	16	0.0	1.2	*	0.0	2.1	*	0.0	3.0	*
Hip Replacement/Reconstruction	108	1.9	4.0	2.6	5.6	7.6	3.1	10.2	10.1	2.9
Open Reduction of Hip Fracture	79	5.1	6.4	2.9	7.6	12.2	4.5	7.6	16.0	5.8
Prostatectomy	138	0.7	1.2	1.4	2.2	2.9	1.8	5.1	4.7	1.8
Cholecystectomy	58	0.0	2.7	3.2	1.7	4.6	4.1	1.7	6.1	4.8
Hysterectomy	24	0.0	2.6	*	8.3	5.4	*	12.5	7.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,774	7.5	9.5	1.9	12.5	14.5	1.8	15.7	18.4	2.5
CONDITIONS:										
Acute Myocardial Infarction	162	23.5	32.8	6.1	32.1	36.3	7.5	33.3	39.8	5.2
Congestive Heart Failure	188	14.4	19.3	5.2	24.5	28.6	4.6	31.9	35.9	5.5
Pneumonia/Influenza	138	11.6	16.5	4.8	15.9	22.1	6.4	18.8	26.7	6.7
Chronic Obstructive Pulmonary Disease	30	13.3	10.4	*	16.7	16.2	*	20.0	21.0	*
Transient Cerebral Ischemia	79	0.0	2.1	2.4	1.3	4.3	3.4	3.8	6.9	3.9
Stroke	148	12.8	24.7	4.9	18.2	31.9	5.5	24.3	36.8	5.2
Hip Fracture	138	5.1	8.1	2.9	10.9	14.2	4.2	12.3	17.9	5.2
Sepsis	22	31.8	32.1	*	36.4	41.3	*	45.5	48.5	*
PROCEDURES:										
Angioplasty	14	7.1	7.0	*	7.1	9.7	*	7.1	11.8	*
Coronary Artery Bypass Graft	67	1.5	9.4	4.8	4.5	12.1	5.8	4.5	13.7	5.8
Initial Pacemaker Insertion	46	4.3	4.2	*	8.7	7.8	*	13.0	11.2	*
Carotid Endarterectomy	18	0.0	1.6	*	0.0	3.1	*	0.0	4.5	*
Hip Replacement/Reconstruction	92	1.1	4.0	2.6	4.3	7.4	3.9	4.3	9.7	4.3
Open Reduction of Hip Fracture	71	4.2	7.1	4.0	14.1	13.2	4.6	15.5	17.0	4.7
Prostatectomy	117	1.7	1.3	1.6	1.7	3.2	2.1	3.4	5.3	2.6
Cholecystectomy	70	1.4	3.3	2.5	4.3	5.7	3.0	10.0	7.5	3.6
Hysterectomy	28	0.0	2.2	*	7.1	3.9	*	10.7	5.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FAIRBURY HOSPITAL

519 South 5th Street
Fairbury, IL 61739

Medicare Provider Number: 140039

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	191	9.9	12.2	5.1	17.3	17.9	3.1	20.9	22.3	3.2
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	27.1	*	33.3	30.0	*	33.3	33.3	*
Congestive Heart Failure	23	26.1	17.0	*	39.1	26.7	*	43.5	34.4	*
Pneumonia/Influenza	22	9.1	15.9	*	9.1	21.4	*	9.1	26.0	*
Chronic Obstructive Pulmonary Disease	3	0.0	8.4	*	33.3	13.3	*	33.3	17.5	*
Transient Cerebral Ischemia	5	0.0	2.8	*	0.0	6.4	*	0.0	10.4	*
Stroke	5	20.0	41.9	*	40.0	48.5	*	60.0	53.8	*
Hip Fracture	4	0.0	14.1	*	25.0	23.9	*	25.0	29.9	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	5.7	*	0.0	10.7	*	0.0	14.2	*
Open Reduction of Hip Fracture	1	0.0	13.4	*	0.0	25.2	*	0.0	32.5	*
Prostatectomy	2	0.0	0.4	*	0.0	0.8	*	0.0	1.3	*
Cholecystectomy	1	0.0	0.6	*	0.0	1.0	*	0.0	1.3	*
Hysterectomy	4	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	117
Occupancy Rate	67
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

FAIRBURY HOSPITAL

Medicare Provider Number: 140039

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	218	7.8	10.2	3.3	11.0	15.5	4.9	16.5	19.5	4.6
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	25.4	*	16.7	28.4	*	16.7	31.7	*
Congestive Heart Failure	13	0.0	17.2	*	7.7	26.7	*	38.5	34.5	*
Pneumonia/Influenza	13	7.7	13.9	*	7.7	18.5	*	7.7	22.4	*
Chronic Obstructive Pulmonary Disease	3	0.0	3.3	*	0.0	7.2	*	33.3	10.7	*
Transient Cerebral Ischemia	10	0.0	4.2	*	10.0	9.5	*	30.0	14.7	*
Stroke	10	10.0	25.9	*	10.0	32.1	*	10.0	36.5	*
Hip Fracture	1	0.0	8.3	*	0.0	16.0	*	0.0	21.1	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.6	*	0.0	1.1	*	0.0	1.8	*
Cholecystectomy	0									
Hysterectomy	1	0.0	0.4	*	0.0	0.7	*	0.0	1.1	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	319	10.0	10.5	3.7	15.7	15.7	3.1	19.4	20.0	2.6
CONDITIONS:										
Acute Myocardial Infarction	13	61.5	26.9	*	61.5	31.0	*	61.5	35.1	*
Congestive Heart Failure	31	25.8	17.4	*	29.0	26.3	*	35.5	33.5	*
Pneumonia/Influenza	35	11.4	19.7	*	28.6	26.7	*	34.3	32.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	9.9	*	0.0	24.1	*	0.0	37.2	*
Transient Cerebral Ischemia	17	0.0	2.3	*	0.0	5.1	*	0.0	8.1	*
Stroke	12	16.7	18.4	*	33.3	24.0	*	33.3	28.8	*
Hip Fracture	4	0.0	9.0	*	0.0	16.7	*	0.0	21.7	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	11.7	*	0.0	22.3	*	0.0	28.9	*
Prostatectomy	5	0.0	0.6	*	0.0	1.3	*	20.0	2.1	*
Cholecystectomy	2	0.0	1.9	*	0.0	3.5	*	0.0	4.6	*
Hysterectomy	8	0.0	1.5	*	0.0	3.1	*	0.0	4.7	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FAIRFIELD MEMORIAL HOSPITAL

N W 11th St
Fairfield, IL 62837

Medicare Provider Number: 140138

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	331	10.3	10.4	2.2	13.3	15.5	2.8	16.0	19.6	3.7
CONDITIONS:										
Acute Myocardial Infarction	29	20.7	27.0	*	24.1	31.1	*	24.1	35.3	*
Congestive Heart Failure	17	0.0	15.3	*	11.8	24.1	*	23.5	31.7	*
Pneumonia/Influenza	27	11.1	15.5	*	18.5	21.5	*	22.2	26.5	*
Chronic Obstructive Pulmonary Disease	7	0.0	4.4	*	14.3	8.5	*	28.6	12.4	*
Transient Cerebral Ischemia	4	0.0	1.5	*	0.0	3.3	*	0.0	5.3	*
Stroke	12	33.3	21.1	*	33.3	27.5	*	33.3	31.9	*
Hip Fracture	4	25.0	4.5	*	25.0	9.0	*	25.0	12.4	*
Sepsis	4	25.0	31.8	*	25.0	42.3	*	50.0	50.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	5.9	*	0.0	12.0	*	0.0	16.7	*
Open Reduction of Hip Fracture	0									
Prostatectomy	3	33.3	0.6	*	33.3	1.3	*	33.3	2.2	*
Cholecystectomy	7	0.0	1.7	*	0.0	2.9	*	0.0	3.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	82
Occupancy Rate	28
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	16
Percent of Physicians Board Certified Specialists	81
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

FAIRFIELD MEMORIAL HOSPITAL

Medicare Provider Number: 140138

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	335	11.0	10.1	3.2	18.2	15.5	2.9	22.7	19.9	3.3
CONDITIONS:										
Acute Myocardial Infarction	8	12.5	28.6	*	25.0	31.9	*	25.0	35.8	*
Congestive Heart Failure	17	17.6	15.7	*	23.5	24.0	*	29.4	30.9	*
Pneumonia/Influenza	29	13.8	19.2	*	20.7	25.6	*	27.6	30.5	*
Chronic Obstructive Pulmonary Disease	5	0.0	3.6	*	0.0	7.3	*	40.0	10.7	*
Transient Cerebral Ischemia	9	0.0	1.8	*	11.1	4.1	*	11.1	6.7	*
Stroke	12	25.0	22.5	*	33.3	29.1	*	33.3	33.7	*
Hip Fracture	8	25.0	7.9	*	25.0	13.9	*	25.0	17.6	*
Sepsis	6	66.7	36.3	*	66.7	45.2	*	66.7	53.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	5.7	*	0.0	10.1	*	0.0	12.9	*
Open Reduction of Hip Fracture	1	0.0	5.9	*	0.0	10.5	*	0.0	13.2	*
Prostatectomy	5	0.0	2.0	*	0.0	5.3	*	0.0	9.4	*
Cholecystectomy	6	0.0	3.7	*	16.7	6.5	*	16.7	8.0	*
Hysterectomy	4	0.0	0.9	*	0.0	1.7	*	0.0	2.4	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	396	13.4	11.2	5.8	17.4	16.8	10.2	21.0	21.4	10.5
CONDITIONS:										
Acute Myocardial Infarction	23	30.4	31.0	*	34.8	34.7	*	34.8	38.7	*
Congestive Heart Failure	15	20.0	14.8	*	33.3	23.3	*	46.7	30.5	*
Pneumonia/Influenza	33	15.2	15.1	*	24.2	21.0	*	30.3	26.0	*
Chronic Obstructive Pulmonary Disease	6	16.7	7.3	*	16.7	13.7	*	16.7	19.6	*
Transient Cerebral Ischemia	9	0.0	2.0	*	0.0	4.5	*	11.1	7.4	*
Stroke	19	26.3	24.3	*	31.6	32.2	*	36.8	37.5	*
Hip Fracture	13	15.4	6.1	*	23.1	12.2	*	23.1	16.7	*
Sepsis	6	0.0	26.7	*	16.7	35.9	*	16.7	43.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	6.8	*	14.3	14.0	*	14.3	19.5	*
Open Reduction of Hip Fracture	1	100.0	6.1	*	100.0	10.8	*	100.0	13.6	*
Prostatectomy	10	10.0	1.5	*	10.0	3.6	*	10.0	6.1	*
Cholecystectomy	4	25.0	4.3	*	25.0	9.4	*	25.0	14.0	*
Hysterectomy	2	0.0	3.7	*	50.0	8.0	*	50.0	12.1	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FAYETTE COUNTY HOSPITAL

7th and Taylor
Vandalia, IL 62471

Medicare Provider Number: 140045

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	436	11.7	9.6	2.0	19.3	15.1	2.9	22.0	19.3	2.3
CONDITIONS:										
Acute Myocardial Infarction	10	20.0	23.1	*	40.0	26.8	*	40.0	30.6	*
Congestive Heart Failure	30	33.3	16.1	*	43.3	25.4	*	50.0	32.9	*
Pneumonia/Influenza	28	35.7	16.9	*	42.9	23.4	*	46.4	28.4	*
Chronic Obstructive Pulmonary Disease	5	0.0	2.8	*	0.0	5.9	*	0.0	8.8	*
Transient Cerebral Ischemia	16	0.0	2.0	*	12.5	4.5	*	12.5	7.4	*
Stroke	13	23.1	24.9	*	30.8	32.1	*	30.8	37.1	*
Hip Fracture	11	9.1	6.5	*	9.1	11.5	*	9.1	14.7	*
Sepsis	2	50.0	24.6	*	50.0	36.8	*	50.0	44.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	4.6	*	0.0	8.9	*	0.0	12.0	*
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*
Cholecystectomy	5	0.0	1.5	*	0.0	2.8	*	0.0	3.6	*
Hysterectomy	1	0.0	0.5	*	0.0	1.1	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	131
Occupancy Rate	73
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	63
Medical Residents/Interns	0
Registered Nurses	27
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

FAYETTE COUNTY HOSPITAL

Medicare Provider Number: 140045

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	489	10.0	10.3	1.4	14.9	15.6	1.9	18.4	19.6	2.2
CONDITIONS:										
Acute Myocardial Infarction	16	25.0	28.1	*	25.0	32.5	*	37.5	36.6	*
Congestive Heart Failure	37	32.4	16.7	*	35.1	25.7	*	37.8	32.8	*
Pneumonia/Influenza	31	12.9	16.8	*	19.4	23.0	*	22.6	27.8	*
Chronic Obstructive Pulmonary Disease	6	0.0	3.7	*	0.0	7.9	*	0.0	11.6	*
Transient Cerebral Ischemia	18	0.0	2.0	*	0.0	4.4	*	0.0	7.0	*
Stroke	18	16.7	21.8	*	16.7	28.4	*	16.7	32.9	*
Hip Fracture	15	0.0	8.6	*	0.0	15.5	*	6.7	19.8	*
Sepsis	1	0.0	21.7	*	100.0	25.4	*	100.0	30.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	7.9	*	0.0	14.6	*	14.3	18.5	*
Open Reduction of Hip Fracture	0									
Prostatectomy	15	0.0	0.5	*	0.0	1.1	*	0.0	1.8	*
Cholecystectomy	4	0.0	3.2	*	0.0	6.1	*	0.0	7.7	*
Hysterectomy	1	0.0	1.3	*	0.0	2.4	*	0.0	3.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	450	10.7	10.3	1.5	16.9	15.4	2.1	20.4	19.3	2.6
CONDITIONS:										
Acute Myocardial Infarction	18	27.8	24.3	*	38.9	28.7	*	38.9	32.5	*
Congestive Heart Failure	22	22.7	14.0	*	31.8	21.4	*	36.4	27.7	*
Pneumonia/Influenza	27	14.8	13.8	*	14.8	19.2	*	18.5	23.8	*
Chronic Obstructive Pulmonary Disease	8	0.0	9.3	*	12.5	15.0	*	12.5	19.2	*
Transient Cerebral Ischemia	18	5.6	2.2	*	5.6	4.8	*	5.6	7.7	*
Stroke	11	27.3	18.7	*	36.4	24.8	*	36.4	29.0	*
Hip Fracture	14	0.0	8.8	*	14.3	15.7	*	21.4	20.0	*
Sepsis	5	40.0	42.2	*	60.0	54.2	*	80.0	61.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	6.0	*	14.3	11.3	*	28.6	14.7	*
Open Reduction of Hip Fracture	0									
Prostatectomy	19	5.3	0.8	*	10.5	2.1	*	10.5	3.6	*
Cholecystectomy	7	0.0	1.4	*	0.0	2.3	*	0.0	3.0	*
Hysterectomy	4	0.0	0.6	*	0.0	1.3	*	0.0	2.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FERRELL HOSPITAL INC

1201 Pine Street
Eldorado, IL 62930

Medicare Provider Number: 140246

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	543	11.4	11.1	1.6	16.8	16.6	2.3	21.5	20.8	3.3
CONDITIONS:										
Acute Myocardial Infarction	19	42.1	24.6	*	47.4	28.7	*	47.4	32.7	*
Congestive Heart Failure	24	20.8	18.0	*	25.0	27.8	*	33.3	35.4	*
Pneumonia/Influenza	21	19.0	18.2	*	28.6	25.4	*	38.1	30.5	*
Chronic Obstructive Pulmonary Disease	9	0.0	3.6	*	0.0	7.6	*	0.0	11.4	*
Transient Cerebral Ischemia	10	0.0	1.6	*	0.0	3.6	*	10.0	5.8	*
Stroke	12	8.3	23.7	*	8.3	31.3	*	25.0	36.3	*
Hip Fracture	11	18.2	8.0	*	27.3	14.6	*	36.4	18.9	*
Sepsis	5	0.0	36.9	*	40.0	45.7	*	40.0	53.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.4	*	0.0	2.7	*	0.0	4.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	6.4	*	0.0	13.2	*	0.0	18.4	*
Open Reduction of Hip Fracture	7	28.6	8.1	*	28.6	15.3	*	42.9	19.9	*
Prostatectomy	20	5.0	2.0	*	5.0	5.0	*	10.0	8.5	*
Cholecystectomy	12	8.3	3.8	*	8.3	6.8	*	8.3	8.9	*
Hysterectomy	6	0.0	1.8	*	0.0	3.8	*	0.0	5.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	47
Occupancy Rate	70
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

** Not used in calculating hospital mortality rates.

FERRELL HOSPITAL INC

Medicare Provider Number: 140246

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	518	11.6	12.2	1.5	18.3	17.9	1.7	21.4	22.2	1.9
CONDITIONS:										
Acute Myocardial Infarction	17	47.1	37.1	*	52.9	41.3	*	52.9	45.6	*
Congestive Heart Failure	32	28.1	22.4	*	37.5	33.6	*	43.8	41.8	*
Pneumonia/Influenza	38	21.1	16.6	*	34.2	22.3	*	42.1	26.6	*
Chronic Obstructive Pulmonary Disease	3	0.0	6.0	*	0.0	13.0	*	0.0	18.8	*
Transient Cerebral Ischemia	12	8.3	1.8	*	8.3	3.9	*	8.3	6.2	*
Stroke	11	27.3	31.3	*	36.4	39.9	*	45.5	45.6	*
Hip Fracture	11	27.3	6.7	*	27.3	12.0	*	27.3	15.2	*
Sepsis	11	27.3	35.5	*	54.5	42.2	*	54.5	48.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	5.0	*	0.0	7.4	*	0.0	10.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	33.3	5.2	*	33.3	9.7	*	33.3	12.4	*
Open Reduction of Hip Fracture	8	25.0	6.2	*	25.0	11.6	*	25.0	15.1	*
Prostatectomy	8	0.0	1.0	*	0.0	2.3	*	0.0	3.7	*
Cholecystectomy	5	0.0	1.7	*	0.0	3.0	*	0.0	4.0	*
Hysterectomy	4	0.0	2.4	*	0.0	5.1	*	0.0	7.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	506	11.3	11.2	2.1	16.2	17.0	2.3	20.0	21.4	3.3
CONDITIONS:										
Acute Myocardial Infarction	13	38.5	26.3	*	38.5	30.6	*	38.5	35.1	*
Congestive Heart Failure	30	30.0	19.8	*	33.3	30.2	*	46.7	38.2	*
Pneumonia/Influenza	25	16.0	16.5	*	20.0	22.2	*	24.0	26.3	*
Chronic Obstructive Pulmonary Disease	3	0.0	4.1	*	0.0	8.4	*	0.0	12.5	*
Transient Cerebral Ischemia	15	6.7	1.9	*	6.7	4.2	*	6.7	6.9	*
Stroke	13	7.7	26.4	*	7.7	33.1	*	23.1	37.9	*
Hip Fracture	10	10.0	6.5	*	20.0	12.5	*	20.0	16.8	*
Sepsis	5	40.0	21.7	*	40.0	28.8	*	40.0	34.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	3.6	*	0.0	6.5	*	0.0	9.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	25.0	3.4	*	25.0	6.8	*	25.0	9.2	*
Open Reduction of Hip Fracture	5	0.0	8.1	*	20.0	16.5	*	20.0	22.8	*
Prostatectomy	9	11.1	1.0	*	11.1	2.3	*	22.2	3.8	*
Cholecystectomy	5	0.0	4.4	*	0.0	8.6	*	0.0	11.2	*
Hysterectomy	4	0.0	1.7	*	0.0	3.9	*	0.0	6.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FOSTER G MCGAW HOSPITAL

2160 S 1st St
Maywood, IL 60153

Medicare Provider Number: 140276

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,263	6.9	7.4	0.6	11.6	11.5	0.8	14.6	14.8	0.6
CONDITIONS:										
Acute Myocardial Infarction	124	19.4	25.2	5.0	21.8	28.8	5.5	22.6	32.5	6.3
Congestive Heart Failure	142	15.5	13.2	3.4	26.1	21.2	6.3	32.4	27.9	6.3
Pneumonia/Influenza	56	17.9	17.6	5.2	19.6	23.8	6.6	26.8	28.7	7.2
Chronic Obstructive Pulmonary Disease	27	3.7	11.1	*	18.5	19.3	*	25.9	25.9	*
Transient Cerebral Ischemia	34	0.0	1.7	*	5.9	3.7	*	5.9	5.8	*
Stroke	63	17.5	19.3	5.3	22.2	25.7	6.6	27.0	29.9	7.3
Hip Fracture	33	9.1	5.6	*	15.2	10.1	*	18.2	13.3	*
Sepsis	4	0.0	22.4	*	50.0	32.3	*	75.0	40.6	*
PROCEDURES:										
Angioplasty	94	3.2	3.7	2.4	3.2	4.7	2.6	5.3	6.0	2.7
Coronary Artery Bypass Graft	309	3.9	6.5	1.7	8.7	9.1	2.0	10.0	10.7	1.8
Initial Pacemaker Insertion	29	0.0	2.1	*	0.0	4.3	*	3.4	6.5	*
Carotid Endarterectomy	22	0.0	1.1	*	0.0	2.0	*	0.0	2.9	*
Hip Replacement/Reconstruction	50	2.0	1.5	*	4.0	2.8	*	4.0	3.9	*
Open Reduction of Hip Fracture	20	5.0	4.7	*	5.0	8.8	*	10.0	11.7	*
Prostatectomy	87	0.0	0.6	1.3	3.4	1.5	2.0	4.6	2.6	3.1
Cholecystectomy	34	2.9	3.8	*	8.8	7.2	*	8.8	9.8	*
Hysterectomy	23	0.0	0.6	*	0.0	1.4	*	0.0	2.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	567
Occupancy Rate	82
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	452
Percent of Physicians Board Certified Specialists	83
Medical Residents/Interns	393
Registered Nurses	861
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	Yes
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	Yes

** Not used in calculating hospital mortality rates.

FOSTER G MCGAW HOSPITAL

Medicare Provider Number: 140276

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,469	6.3	7.1	0.6	11.5	11.2	0.6	14.8	14.5	0.7
CONDITIONS:										
Acute Myocardial Infarction	60	15.0	27.8	8.6	23.3	31.0	8.7	26.7	34.5	7.1
Congestive Heart Failure	127	11.8	14.7	3.6	24.4	23.1	3.8	33.9	30.2	4.7
Pneumonia/Influenza	51	13.7	15.7	5.5	17.6	21.2	8.5	19.6	25.6	10.4
Chronic Obstructive Pulmonary Disease	15	0.0	7.5	*	0.0	12.5	*	13.3	16.6	*
Transient Cerebral Ischemia	58	0.0	1.6	*	0.0	3.3	*	1.7	5.1	*
Stroke	61	13.1	22.6	9.3	27.9	29.7	8.3	32.8	34.4	6.6
Hip Fracture	22	0.0	8.3	*	9.1	14.2	*	13.6	17.7	*
Sepsis	9	33.3	28.3	*	44.4	37.3	*	44.4	43.4	*
PROCEDURES:										
Angioplasty	93	4.3	3.1	2.4	6.5	4.2	2.6	7.5	5.3	2.7
Coronary Artery Bypass Graft	357	3.9	6.7	1.8	7.0	9.1	1.8	8.7	10.6	1.9
Initial Pacemaker Insertion	24	0.0	2.4	*	0.0	4.4	*	0.0	6.3	*
Carotid Endarterectomy	27	0.0	1.3	*	3.7	2.7	*	3.7	4.0	*
Hip Replacement/Reconstruction	54	0.0	1.3	2.1	3.7	2.4	2.4	3.7	3.2	3.1
Open Reduction of Hip Fracture	15	0.0	6.6	*	0.0	12.1	*	6.7	15.5	*
Prostatectomy	98	1.0	0.8	1.1	1.0	2.0	1.8	2.0	3.3	2.7
Cholecystectomy	46	6.5	2.8	*	6.5	4.9	*	8.7	6.4	*
Hysterectomy	33	0.0	3.0	*	0.0	5.6	*	6.1	7.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,977	6.0	7.4	1.3	10.3	11.7	1.5	13.3	15.1	2.4
CONDITIONS:										
Acute Myocardial Infarction	57	26.3	26.6	6.2	29.8	30.2	6.4	29.8	34.0	8.2
Congestive Heart Failure	90	11.1	14.7	5.4	20.0	22.4	4.7	28.9	28.9	5.2
Pneumonia/Influenza	36	13.9	15.6	*	22.2	21.2	*	30.6	25.6	*
Chronic Obstructive Pulmonary Disease	29	17.2	15.2	*	27.6	24.7	*	41.4	31.1	*
Transient Cerebral Ischemia	42	0.0	1.7	*	7.1	3.4	*	7.1	5.2	*
Stroke	65	9.2	20.2	6.3	15.4	26.8	7.5	15.4	31.1	8.2
Hip Fracture	27	0.0	6.0	*	3.7	10.8	*	3.7	14.1	*
Sepsis	8	25.0	30.1	*	62.5	38.7	*	62.5	46.0	*
PROCEDURES:										
Angioplasty	60	3.3	2.5	2.9	6.7	3.6	4.3	8.3	4.7	5.9
Coronary Artery Bypass Graft	287	5.2	7.0	1.9	9.4	9.8	2.0	10.8	11.4	1.9
Initial Pacemaker Insertion	31	3.2	3.6	*	9.7	7.3	*	9.7	10.8	*
Carotid Endarterectomy	24	0.0	1.4	*	4.2	2.8	*	4.2	4.0	*
Hip Replacement/Reconstruction	45	0.0	1.2	*	2.2	2.2	*	2.2	3.0	*
Open Reduction of Hip Fracture	14	0.0	5.3	*	0.0	9.6	*	0.0	12.5	*
Prostatectomy	73	0.0	1.1	*	0.0	2.8	*	1.4	4.7	*
Cholecystectomy	49	0.0	2.4	*	0.0	4.4	*	2.0	5.8	*
Hysterectomy	22	0.0	1.4	*	0.0	3.1	*	0.0	4.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FRANCISCAN MEDICAL CENTER

2701 17th St
Rock Island, IL 61201

Medicare Provider Number: 140280

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,667	8.7	9.0	1.2	14.9	13.8	1.1	18.8	17.6	1.2
CONDITIONS:										
Acute Myocardial Infarction	62	25.8	28.5	7.2	27.4	31.7	7.7	32.3	35.4	8.4
Congestive Heart Failure	87	16.1	14.8	6.1	32.2	23.3	8.0	39.1	30.2	8.9
Pneumonia/Influenza	66	19.7	18.0	7.0	33.3	24.5	9.2	34.8	29.5	9.2
Chronic Obstructive Pulmonary Disease	17	11.8	14.1	*	17.6	22.3	*	17.6	28.7	*
Transient Cerebral Ischemia	35	2.9	2.9	*	8.6	6.4	*	11.4	9.7	*
Stroke	77	22.1	20.7	7.2	33.8	27.1	9.0	37.7	31.6	10.6
Hip Fracture	58	10.3	6.3	4.7	15.5	11.5	7.2	25.9	15.2	8.6
Sepsis	23	21.7	30.1	*	26.1	37.6	*	26.1	44.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	7.0	*	0.0	10.8	*	0.0	13.6	*
Carotid Endarterectomy	10	0.0	1.9	*	0.0	3.9	*	0.0	5.9	*
Hip Replacement/Reconstruction	22	4.5	4.3	*	9.1	8.4	*	18.2	11.4	*
Open Reduction of Hip Fracture	18	5.6	5.7	*	11.1	10.9	*	27.8	14.4	*
Prostatectomy	18	0.0	2.0	*	5.6	5.2	*	5.6	8.8	*
Cholecystectomy	12	8.3	3.1	*	8.3	6.5	*	8.3	9.5	*
Hysterectomy	12	0.0	0.6	*	0.0	1.3	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	293
Occupancy Rate	54
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	Yes
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

FRANCISCAN MEDICAL CENTER

Medicare Provider Number: 140280

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,819	9.6	7.9	0.9	13.7	12.3	1.0	17.2	16.0	1.1
CONDITIONS:										
Acute Myocardial Infarction	48	41.7	30.6	*	45.8	34.1	*	47.9	37.9	*
Congestive Heart Failure	83	22.9	14.1	7.3	30.1	21.8	8.3	36.1	28.3	8.1
Pneumonia/Influenza	79	17.7	16.9	4.5	22.8	22.7	4.8	26.6	27.3	5.1
Chronic Obstructive Pulmonary Disease	19	10.5	10.1	*	15.8	16.6	*	21.1	21.7	*
Transient Cerebral Ischemia	35	2.9	2.0	*	2.9	4.3	*	8.6	6.6	*
Stroke	55	16.4	21.4	10.0	21.8	28.2	11.2	25.5	32.9	12.1
Hip Fracture	56	5.4	5.7	3.6	12.5	10.8	5.0	14.3	14.3	4.8
Sepsis	23	26.1	22.9	*	30.4	30.8	*	39.1	37.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	7.2	*	0.0	11.6	*	10.0	15.4	*
Carotid Endarterectomy	7	0.0	1.7	*	0.0	3.3	*	0.0	4.9	*
Hip Replacement/Reconstruction	24	0.0	3.2	*	4.2	6.4	*	8.3	8.7	*
Open Reduction of Hip Fracture	14	7.1	7.4	*	21.4	14.4	*	21.4	19.4	*
Prostatectomy	20	0.0	1.1	*	0.0	2.7	*	0.0	4.4	*
Cholecystectomy	26	3.8	3.7	*	3.8	6.5	*	7.7	8.2	*
Hysterectomy	15	0.0	1.0	*	0.0	2.1	*	6.7	3.2	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,640	7.8	7.6	1.1	12.5	12.0	1.3	16.4	15.6	1.7
CONDITIONS:										
Acute Myocardial Infarction	51	29.4	26.5	7.1	37.3	29.9	9.0	43.1	33.7	11.8
Congestive Heart Failure	68	19.1	15.1	5.2	26.5	23.1	5.6	35.3	29.9	6.7
Pneumonia/Influenza	51	11.8	16.6	7.0	19.6	22.7	8.4	21.6	27.7	10.0
Chronic Obstructive Pulmonary Disease	24	20.8	9.6	*	33.3	18.2	*	37.5	25.5	*
Transient Cerebral Ischemia	51	0.0	1.9	*	0.0	4.1	*	0.0	6.5	*
Stroke	51	7.8	19.6	8.6	15.7	26.1	10.7	17.6	30.7	9.7
Hip Fracture	39	7.7	6.8	*	10.3	12.8	*	12.8	16.9	*
Sepsis	23	21.7	23.6	*	34.8	31.1	*	39.1	37.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	8.0	*	0.0	13.3	*	0.0	16.9	*
Carotid Endarterectomy	11	0.0	1.8	*	0.0	3.6	*	0.0	5.5	*
Hip Replacement/Reconstruction	10	0.0	5.2	*	0.0	10.2	*	0.0	13.7	*
Open Reduction of Hip Fracture	10	0.0	5.1	*	10.0	10.2	*	10.0	14.0	*
Prostatectomy	21	4.8	1.8	*	9.5	4.0	*	14.3	6.0	*
Cholecystectomy	11	18.2	3.7	*	18.2	7.0	*	27.3	9.5	*
Hysterectomy	11	0.0	0.9	*	0.0	2.0	*	9.1	3.3	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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Franciscan
Medical
Center

Medicare Provider # 140280

January 11, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

RE: HCFA MORTALITY INFORMATION

Dear Mrs. Kappert,

After reviewing and analyzing the Medicare Hospital Mortality Information, Franciscan Medical Center would like to make the following comments:

Franciscan Medical Center's Medicare Mortality rates fell within the bounds calculated for the 99% prediction interval and was found to be acceptable. These mortality rates, however, are only applicable for 40% of the total hospital patient population.

The analytical methodology used to develop the mortality rates was difficult to use without a statistical background.

Franciscan has an active hospital-wide quality assurance program that monitors mortality rates. Franciscan's overall mortality rate is 2.3%.

Thank you for allowing us the opportunity to respond to this mortality information.

Sincerely,

Diana Zogg, RRA

Diana Zogg, RRA
Director
Medical Record Services/U.R./Q.A.

2701 17th Street • Rock Island, Illinois 61201 • (309) 793-2121

FRANKLIN HOSPITAL

201 Bailey Lane
Benton, IL 62812

Medicare Provider Number: 140035

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	556	8.5	7.7	1.5	13.8	11.7	1.8	16.2	14.9	2.3
CONDITIONS:										
Acute Myocardial Infarction	21	33.3	24.3	*	33.3	27.1	*	33.3	30.2	*
Congestive Heart Failure	41	24.4	14.6	*	34.1	22.4	*	39.0	29.0	*
Pneumonia/Influenza	28	10.7	17.7	*	21.4	23.6	*	25.0	28.3	*
Chronic Obstructive Pulmonary Disease	10	0.0	7.2	*	0.0	13.4	*	0.0	19.2	*
Transient Cerebral Ischemia	18	0.0	2.1	*	16.7	5.1	*	16.7	8.5	*
Stroke	17	23.5	17.2	*	35.3	24.9	*	35.3	29.6	*
Hip Fracture	10	0.0	7.9	*	10.0	14.1	*	10.0	17.9	*
Sepsis	1	0.0	44.4	*	0.0	50.5	*	0.0	55.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	15	0.0	2.1	*	0.0	3.8	*	0.0	5.0	*
Open Reduction of Hip Fracture	6	0.0	6.7	*	16.7	12.8	*	16.7	16.9	*
Prostatectomy	11	9.1	2.8	*	9.1	7.0	*	9.1	11.7	*
Cholecystectomy	3	0.0	1.9	*	0.0	3.2	*	0.0	3.7	*
Hysterectomy	5	0.0	0.9	*	0.0	2.0	*	0.0	3.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	183
Occupancy Rate	55
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	13
Percent of Physicians Board Certified Specialists	62
Medical Residents/Interns	0
Registered Nurses	37
Licensed Practical Nurses	18

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

FRANKLIN HOSPITAL

Medicare Provider Number: 140035

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	641	14.0	8.3	1.8	18.6	12.8	2.0	21.8	16.2	2.0
CONDITIONS:										
Acute Myocardial Infarction	22	54.5	29.8	*	54.5	32.9	*	54.5	36.3	*
Congestive Heart Failure	47	29.8	15.3	*	36.2	22.8	*	38.3	29.2	*
Pneumonia/Influenza	25	36.0	16.4	*	48.0	22.7	*	48.0	27.4	*
Chronic Obstructive Pulmonary Disease	4	0.0	14.3	*	0.0	23.5	*	25.0	29.8	*
Transient Cerebral Ischemia	18	5.6	1.8	*	11.1	4.0	*	16.7	6.4	*
Stroke	28	35.7	17.4	*	39.3	24.5	*	42.9	29.1	*
Hip Fracture	18	16.7	7.1	*	22.2	12.9	*	22.2	16.3	*
Sepsis	1	0.0	11.0	*	0.0	14.2	*	0.0	17.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	18	11.1	4.1	*	16.7	7.7	*	16.7	9.9	*
Open Reduction of Hip Fracture	9	11.1	4.9	*	11.1	9.1	*	11.1	11.9	*
Prostatectomy	12	0.0	2.4	*	8.3	6.1	*	16.7	10.2	*
Cholecystectomy	15	0.0	2.0	*	0.0	3.7	*	0.0	4.7	*
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	548	14.8	10.3	7.4	20.4	15.3	7.8	25.4	19.1	8.4
CONDITIONS:										
Acute Myocardial Infarction	22	36.4	37.1	*	45.5	40.9	*	50.0	44.8	*
Congestive Heart Failure	51	27.5	18.3	12.1	31.4	27.1	11.9	41.2	34.4	10.9
Pneumonia/Influenza	19	10.5	16.3	*	15.8	21.9	*	21.1	26.3	*
Chronic Obstructive Pulmonary Disease	7	28.6	16.1	*	28.6	26.2	*	42.9	32.3	*
Transient Cerebral Ischemia	17	5.9	2.0	*	11.8	4.4	*	11.8	7.0	*
Stroke	26	34.6	20.3	*	42.3	27.4	*	46.2	32.1	*
Hip Fracture	14	7.1	6.4	*	14.3	12.2	*	21.4	16.1	*
Sepsis	2	0.0	22.6	*	0.0	39.5	*	0.0	49.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	0.0	2.0	*	0.0	3.7	*	0.0	4.9	*
Open Reduction of Hip Fracture	10	10.0	5.9	*	20.0	11.8	*	30.0	16.1	*
Prostatectomy	17	11.8	1.4	*	17.6	3.3	*	29.4	5.6	*
Cholecystectomy	8	12.5	2.6	*	12.5	4.4	*	12.5	5.2	*
Hysterectomy	3	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FREEPORT MEMORIAL HOSPITAL

1045 West Stephenson Street
Freeport, IL 61032

Medicare Provider Number: 140160

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,638	9.7	9.3	0.8	14.8	14.0	1.4	17.8	17.8	1.3
CONDITIONS:										
Acute Myocardial Infarction	56	28.6	31.7	6.4	32.1	35.0	6.9	32.1	38.5	7.2
Congestive Heart Failure	74	10.8	14.8	5.3	21.6	23.3	5.5	25.7	30.3	7.6
Pneumonia/Influenza	61	18.0	18.7	5.0	23.0	25.2	5.7	24.6	29.9	6.8
Chronic Obstructive Pulmonary Disease	21	19.0	5.6	*	23.8	10.1	*	28.6	14.3	*
Transient Cerebral Ischemia	24	0.0	1.9	*	4.2	4.4	*	4.2	7.2	*
Stroke	66	16.7	22.4	8.5	24.2	28.9	8.2	28.8	33.4	8.4
Hip Fracture	62	6.5	5.8	3.3	6.5	10.6	5.2	8.1	13.9	6.9
Sepsis	14	28.6	30.8	*	28.6	39.5	*	28.6	47.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	32	0.0	3.3	*	6.3	6.3	*	6.3	9.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	50	4.0	3.2	*	6.0	6.5	*	6.0	9.0	*
Open Reduction of Hip Fracture	25	8.0	5.6	*	8.0	10.5	*	12.0	13.8	*
Prostatectomy	52	3.8	1.1	2.8	3.8	2.7	2.5	3.8	4.6	3.4
Cholecystectomy	42	2.4	3.2	*	7.1	5.6	*	7.1	7.4	*
Hysterectomy	15	0.0	1.0	*	0.0	2.0	*	0.0	3.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	178
Occupancy Rate	57
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	63
Percent of Physicians Board Certified Specialists	71
Medical Residents/Interns	0
Registered Nurses	117
Licensed Practical Nurses	43

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

FREEPORT MEMORIAL HOSPITAL

Medicare Provider Number: 140160

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,771	9.3	9.0	0.7	13.9	13.6	0.9	16.7	17.2	1.0
CONDITIONS:										
Acute Myocardial Infarction	58	34.5	25.7	7.0	36.2	29.0	7.1	36.2	32.7	8.2
Congestive Heart Failure	72	8.3	15.6	6.7	25.0	23.6	5.2	31.9	30.3	5.6
Pneumonia/Influenza	85	15.3	17.9	4.7	27.1	24.2	5.9	29.4	29.0	5.5
Chronic Obstructive Pulmonary Disease	22	0.0	9.2	*	18.2	16.0	*	27.3	21.1	*
Transient Cerebral Ischemia	18	5.6	2.2	*	11.1	4.8	*	11.1	7.7	*
Stroke	55	20.0	23.1	6.3	30.9	29.7	7.3	38.2	34.5	10.8
Hip Fracture	53	13.2	6.9	7.1	17.0	12.6	6.6	20.8	16.3	7.5
Sepsis	19	21.1	24.5	*	21.1	31.0	*	21.1	36.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	25	4.0	3.9	*	4.0	7.3	*	12.0	10.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	42	4.8	2.9	*	7.1	5.7	*	9.5	7.7	*
Open Reduction of Hip Fracture	24	12.5	7.2	*	16.7	13.6	*	20.8	17.7	*
Prostatectomy	88	0.0	1.1	1.4	0.0	2.7	2.7	1.1	4.5	3.2
Cholecystectomy	49	2.0	3.6	*	2.0	6.3	*	4.1	8.0	*
Hysterectomy	12	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,619	9.7	8.7	0.8	14.3	13.3	0.9	17.9	17.0	1.6
CONDITIONS:										
Acute Myocardial Infarction	51	33.3	25.6	7.7	33.3	29.2	8.3	33.3	32.8	10.1
Congestive Heart Failure	68	17.6	15.5	6.7	25.0	23.5	7.6	35.3	30.1	9.8
Pneumonia/Influenza	56	1.8	16.2	8.6	16.1	22.2	7.1	19.6	26.8	6.8
Chronic Obstructive Pulmonary Disease	16	6.3	7.7	*	6.3	12.7	*	12.5	17.1	*
Transient Cerebral Ischemia	19	0.0	1.7	*	0.0	3.5	*	5.3	5.6	*
Stroke	51	31.4	26.6	6.7	33.3	34.2	6.7	35.3	39.5	7.0
Hip Fracture	51	7.8	7.2	3.9	13.7	13.2	5.8	15.7	17.1	7.3
Sepsis	12	25.0	24.1	*	41.7	29.7	*	41.7	34.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	32	3.1	3.7	*	3.1	7.1	*	6.3	10.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	25	4.0	4.5	*	12.0	8.5	*	16.0	11.2	*
Open Reduction of Hip Fracture	29	10.3	6.5	*	13.8	12.5	*	13.8	16.5	*
Prostatectomy	106	0.9	1.4	1.8	3.8	3.6	2.4	4.7	5.9	3.4
Cholecystectomy	47	10.6	4.0	*	12.8	7.0	*	12.8	9.0	*
Hysterectomy	14	0.0	0.6	*	0.0	1.2	*	7.1	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

GALENA-STAUSS HOSPITAL

215 Summitt St
Galena, IL 61036

Medicare Provider Number: 140074

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	148	10.1	8.8	3.4	14.2	12.6	4.3	16.2	15.9	4.9
CONDITIONS:										
Acute Myocardial Infarction	13	30.8	29.1	*	30.8	32.5	*	30.8	35.8	*
Congestive Heart Failure	3	33.3	16.5	*	33.3	25.5	*	33.3	32.8	*
Pneumonia/Influenza	6	0.0	11.0	*	0.0	14.7	*	0.0	18.3	*
Chronic Obstructive Pulmonary Disease	4	0.0	5.4	*	0.0	11.2	*	0.0	16.9	*
Transient Cerebral Ischemia	1	0.0	1.4	*	0.0	3.1	*	0.0	4.8	*
Stroke	8	37.5	13.6	*	37.5	18.9	*	37.5	22.7	*
Hip Fracture	1	0.0	14.4	*	100.0	24.0	*	100.0	29.0	*
Sepsis	1	100.0	66.4	*	100.0	76.0	*	100.0	84.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	8	0.0	2.6	*	0.0	4.1	*	0.0	5.0	*
Hysterectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	89
Occupancy Rate	64
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	23
Percent of Physicians Board Certified Specialists	57
Medical Residents/Interns	0
Registered Nurses	16
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

GALENA-STAUSS HOSPITAL

Medicare Provider Number: 140074

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	134	12.7	11.5	3.0	16.4	16.7	3.3	19.4	20.9	3.7
CONDITIONS:										
Acute Myocardial Infarction	10	50.0	34.4	*	60.0	38.2	*	70.0	42.3	*
Congestive Heart Failure	12	33.3	17.2	*	33.3	26.4	*	41.7	33.6	*
Pneumonia/Influenza	4	0.0	9.8	*	25.0	13.4	*	25.0	16.7	*
Chronic Obstructive Pulmonary Disease	3	0.0	7.7	*	0.0	16.8	*	33.3	24.2	*
Transient Cerebral Ischemia	1	0.0	1.1	*	0.0	2.2	*	0.0	3.3	*
Stroke	6	16.7	22.5	*	16.7	28.8	*	16.7	33.4	*
Hip Fracture	0									
Sepsis	2	0.0	26.4	*	50.0	35.5	*	50.0	41.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	3.4	*	0.0	5.7	*	0.0	6.9	*
Hysterectomy	1	0.0	0.2	*	0.0	0.5	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	142	8.5	9.1	3.0	9.9	13.6	6.2	16.9	17.1	5.0
CONDITIONS:										
Acute Myocardial Infarction	7	57.1	33.4	*	57.1	36.7	*	57.1	40.4	*
Congestive Heart Failure	7	14.3	13.0	*	14.3	19.9	*	57.1	26.0	*
Pneumonia/Influenza	8	0.0	16.9	*	12.5	24.1	*	25.0	29.7	*
Chronic Obstructive Pulmonary Disease	3	0.0	5.3	*	0.0	11.3	*	33.3	16.7	*
Transient Cerebral Ischemia	1	0.0	3.5	*	0.0	7.5	*	0.0	12.1	*
Stroke	5	0.0	18.2	*	0.0	23.4	*	0.0	27.9	*
Hip Fracture	4	25.0	3.2	*	25.0	6.3	*	25.0	8.8	*
Sepsis	1	0.0	27.2	*	0.0	32.2	*	0.0	38.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	3.9	*	0.0	7.6	*	0.0	10.2	*
Prostatectomy	0									
Cholecystectomy	2	0.0	3.2	*	0.0	6.2	*	0.0	8.3	*
Hysterectomy	2	0.0	0.6	*	0.0	1.0	*	0.0	1.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

GALESBURG COTTAGE HOSPITAL

695 N Kellogg St
Galesburg, IL 61401

Medicare Provider Number: 140040

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	1,282	10.1	9.0	1.4	14.2	13.6	1.7	17.8	17.3	1.8
CONDITIONS:										
Acute Myocardial Infarction	40	30.0	26.8	*	32.5	29.6	*	35.0	32.5	*
Congestive Heart Failure	72	16.7	15.7	4.4	26.4	24.1	5.4	27.8	31.1	6.1
Pneumonia/Influenza	76	22.4	16.9	6.1	26.3	23.2	5.4	27.6	28.0	5.3
Chronic Obstructive Pulmonary Disease	24	4.2	8.8	*	16.7	15.3	*	16.7	20.8	*
Transient Cerebral Ischemia	29	0.0	1.9	*	0.0	4.1	*	6.9	6.6	*
Stroke	49	18.4	21.3	*	22.4	27.7	*	28.6	32.2	*
Hip Fracture	46	8.7	5.8	*	10.9	10.3	*	15.2	13.4	*
Sepsis	6	16.7	21.3	*	33.3	29.7	*	50.0	35.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	2.7	*	0.0	5.3	*	20.0	8.1	*
Carotid Endarterectomy	6	0.0	1.6	*	0.0	2.8	*	0.0	4.1	*
Hip Replacement/Reconstruction	33	9.1	3.5	*	12.1	6.7	*	12.1	9.0	*
Open Reduction of Hip Fracture	19	0.0	4.7	*	0.0	8.8	*	5.3	11.8	*
Prostatectomy	49	4.1	1.3	*	4.1	3.2	*	6.1	5.3	*
Cholecystectomy	26	3.8	1.7	*	3.8	3.1	*	3.8	4.1	*
Hysterectomy	5	0.0	0.7	*	0.0	1.7	*	0.0	2.6	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	203
Occupancy Rate	41
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	66
Percent of Physicians Board Certified Specialists	82
Medical Residents/Interns	0
Registered Nurses	124
Licensed Practical Nurses	42

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

GALESBURG COTTAGE HOSPITAL

Medicare Provider Number: 140040

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,366	10.9	9.1	1.1	15.6	13.5	1.3	18.4	17.0	1.2
CONDITIONS:										
Acute Myocardial Infarction	37	35.1	29.4	*	40.5	33.1	*	40.5	36.8	*
Congestive Heart Failure	63	14.3	16.3	5.6	27.0	24.5	5.6	38.1	31.4	7.7
Pneumonia/Influenza	43	20.9	18.0	*	30.2	23.9	*	32.6	28.5	*
Chronic Obstructive Pulmonary Disease	28	7.1	5.8	*	7.1	10.8	*	10.7	14.9	*
Transient Cerebral Ischemia	28	0.0	2.0	*	0.0	4.1	*	10.7	6.4	*
Stroke	45	24.4	21.7	*	37.8	28.1	*	37.8	32.8	*
Hip Fracture	44	15.9	7.8	*	20.5	13.5	*	22.7	16.8	*
Sepsis	6	0.0	22.1	*	0.0	30.4	*	16.7	36.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	4.1	*	11.1	8.8	*	11.1	13.1	*
Carotid Endarterectomy	6	0.0	1.2	*	0.0	2.5	*	0.0	3.6	*
Hip Replacement/Reconstruction	34	8.8	3.3	*	8.8	6.2	*	8.8	8.1	*
Open Reduction of Hip Fracture	18	11.1	7.0	*	16.7	13.3	*	22.2	17.3	*
Prostatectomy	61	0.0	1.0	1.8	1.6	2.4	2.3	3.3	3.9	2.7
Cholecystectomy	34	0.0	3.8	*	0.0	6.1	*	0.0	7.5	*
Hysterectomy	5	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,388	10.7	8.9	3.4	14.9	13.5	2.9	18.0	17.2	2.3
CONDITIONS:										
Acute Myocardial Infarction	30	26.7	30.8	*	33.3	34.5	*	33.3	38.0	*
Congestive Heart Failure	79	24.1	18.7	7.2	34.2	27.8	6.4	38.0	35.1	5.7
Pneumonia/Influenza	48	27.1	20.2	*	33.3	26.7	*	37.5	31.6	*
Chronic Obstructive Pulmonary Disease	15	13.3	7.5	*	20.0	12.6	*	26.7	16.9	*
Transient Cerebral Ischemia	39	0.0	2.4	*	0.0	5.2	*	2.6	8.3	*
Stroke	50	30.0	27.3	*	36.0	34.5	*	36.0	39.5	*
Hip Fracture	46	8.7	6.7	*	21.7	11.8	*	23.9	15.1	*
Sepsis	7	28.6	19.4	*	28.6	27.0	*	28.6	32.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	0.0	4.5	*	0.0	8.0	*	6.7	11.0	*
Carotid Endarterectomy	9	0.0	1.7	*	0.0	3.2	*	0.0	4.6	*
Hip Replacement/Reconstruction	32	9.4	4.0	*	12.5	7.4	*	15.6	9.7	*
Open Reduction of Hip Fracture	17	5.9	6.0	*	29.4	10.9	*	29.4	14.1	*
Prostatectomy	52	3.8	1.7	2.5	7.7	4.2	3.7	13.5	7.1	5.1
Cholecystectomy	35	0.0	2.7	*	0.0	5.0	*	2.9	6.7	*
Hysterectomy	7	0.0	0.6	*	0.0	1.5	*	0.0	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

GATEWAY COMMUNITY HOSPITAL

1509 Martin Luther King Dr
East St Louis, IL 62201

Medicare Provider Number: 140293

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	156	3.8	8.3	5.9	6.4	12.6	8.9	8.3	16.2	11.7
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	41.6	*	0.0	44.8	*	0.0	48.8	*
Congestive Heart Failure	15	6.7	12.4	*	13.3	19.9	*	20.0	26.2	*
Pneumonia/Influenza	10	20.0	14.5	*	20.0	19.7	*	20.0	24.0	*
Chronic Obstructive Pulmonary Disease	2	0.0	6.7	*	0.0	11.7	*	0.0	16.5	*
Transient Cerebral Ischemia	6	16.7	2.0	*	16.7	4.6	*	16.7	7.5	*
Stroke	8	0.0	17.6	*	0.0	24.0	*	0.0	28.5	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1989

Total Beds	177
Ownership/Control	Private, Non-Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	28
Licensed Practical Nurses	26

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

GATEWAY COMMUNITY HOSPITAL

Medicare Provider Number: 140293

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	186	3.2	8.5	3.1	9.1	12.8	3.3	10.2	16.2	3.7
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	25.2	*	0.0	28.1	*	0.0	32.2	*
Congestive Heart Failure	9	0.0	16.8	*	22.2	23.7	*	22.2	29.9	*
Pneumonia/Influenza	4	0.0	10.8	*	0.0	14.6	*	0.0	17.9	*
Chronic Obstructive Pulmonary Disease	4	0.0	4.9	*	0.0	8.1	*	0.0	11.1	*
Transient Cerebral Ischemia	7	0.0	2.9	*	0.0	6.5	*	0.0	10.2	*
Stroke	9	0.0	20.3	*	11.1	28.5	*	11.1	34.1	*
Hip Fracture	0									
Sepsis	0									
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	3.1	*	0.0	7.9	*	0.0	12.9	*
Cholecystectomy	0									
Hysterectomy	0									

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	216	9.7	9.8	2.7	13.9	14.8	2.8	15.7	18.9	4.1
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	25.4	*	40.0	28.0	*	40.0	30.4	*
Congestive Heart Failure	18	16.7	16.3	*	27.8	24.5	*	27.8	31.5	*
Pneumonia/Influenza	6	33.3	11.0	*	33.3	15.1	*	50.0	18.5	*
Chronic Obstructive Pulmonary Disease	4	0.0	15.6	*	0.0	22.1	*	0.0	26.8	*
Transient Cerebral Ischemia	6	0.0	1.7	*	0.0	3.3	*	0.0	5.1	*
Stroke	12	25.0	19.1	*	33.3	25.5	*	33.3	29.9	*
Hip Fracture	0									
Sepsis	4	25.0	43.1	*	25.0	49.4	*	25.0	55.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	2.8	*	0.0	7.2	*	0.0	12.3	*
Cholecystectomy	0									
Hysterectomy	0									

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

GIBSON COMMUNITY HOSPITAL

1120 North Melvin
Gibson City, IL 60936

Medicare Provider Number: 140220

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	390	7.4	9.3	4.2	11.5	13.7	5.0	13.8	17.4	7.0
CONDITIONS:										
Acute Myocardial Infarction	9	11.1	20.1	*	22.2	22.8	*	22.2	25.9	*
Congestive Heart Failure	20	15.0	16.2	*	35.0	25.3	*	35.0	32.6	*
Pneumonia/Influenza	30	10.0	16.2	*	13.3	22.1	*	16.7	26.9	*
Chronic Obstructive Pulmonary Disease	6	0.0	6.1	*	0.0	10.7	*	0.0	15.0	*
Transient Cerebral Ischemia	9	0.0	2.4	*	0.0	5.5	*	0.0	8.9	*
Stroke	11	27.3	22.0	*	27.3	28.2	*	36.4	32.8	*
Hip Fracture	13	0.0	6.3	*	15.4	11.5	*	15.4	15.1	*
Sepsis	1	0.0	30.8	*	0.0	35.4	*	0.0	41.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	5.6	*	25.0	10.7	*	25.0	14.3	*
Open Reduction of Hip Fracture	5	0.0	5.9	*	0.0	11.3	*	0.0	14.9	*
Prostatectomy	13	0.0	0.8	*	0.0	2.1	*	7.7	3.7	*
Cholecystectomy	16	0.0	2.0	*	0.0	3.8	*	0.0	5.2	*
Hysterectomy	4	0.0	0.5	*	0.0	1.1	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	82
Occupancy Rate	68
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	15
Percent of Physicians Board Certified Specialists	80
Medical Residents/Interns	0
Registered Nurses	26
Licensed Practical Nurses	15

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

GIBSON COMMUNITY HOSPITAL

Medicare Provider Number: 140220

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	429	10.7	10.6	1.6	15.9	15.6	1.8	18.4	19.7	2.3
CONDITIONS:										
Acute Myocardial Infarction	16	62.5	28.7	*	68.8	32.8	*	68.8	36.8	*
Congestive Heart Failure	33	15.2	19.0	*	30.3	28.2	*	36.4	35.3	*
Pneumonia/Influenza	33	12.1	18.0	*	21.2	24.3	*	27.3	29.2	*
Chronic Obstructive Pulmonary Disease	12	8.3	9.0	*	8.3	14.7	*	8.3	20.2	*
Transient Cerebral Ischemia	8	0.0	2.0	*	0.0	4.4	*	0.0	6.9	*
Stroke	20	30.0	26.0	*	40.0	34.1	*	50.0	39.7	*
Hip Fracture	8	0.0	10.1	*	0.0	18.2	*	0.0	23.2	*
Sepsis	5	60.0	49.2	*	60.0	54.9	*	60.0	61.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	18.0	*	0.0	36.7	*	0.0	50.3	*
Open Reduction of Hip Fracture	7	0.0	7.6	*	0.0	14.0	*	0.0	17.8	*
Prostatectomy	13	0.0	1.0	*	0.0	2.3	*	7.7	3.9	*
Cholecystectomy	10	0.0	4.2	*	0.0	8.1	*	10.0	11.3	*
Hysterectomy	3	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	360	9.7	9.7	2.5	12.8	14.5	4.2	16.7	18.5	4.4
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	33.3	*	40.0	36.6	*	40.0	40.6	*
Congestive Heart Failure	39	7.7	14.7	*	15.4	22.5	*	23.1	29.1	*
Pneumonia/Influenza	25	8.0	13.6	*	8.0	19.0	*	8.0	23.6	*
Chronic Obstructive Pulmonary Disease	5	0.0	11.0	*	20.0	18.1	*	20.0	23.4	*
Transient Cerebral Ischemia	6	0.0	1.9	*	0.0	4.1	*	0.0	6.6	*
Stroke	14	42.9	24.3	*	42.9	30.5	*	42.9	35.3	*
Hip Fracture	13	0.0	6.9	*	0.0	12.8	*	0.0	17.0	*
Sepsis	4	0.0	27.5	*	25.0	36.2	*	25.0	42.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	4.5	*	0.0	8.9	*	0.0	12.3	*
Open Reduction of Hip Fracture	7	0.0	7.8	*	0.0	14.8	*	0.0	19.8	*
Prostatectomy	17	0.0	2.4	*	5.9	6.0	*	5.9	9.8	*
Cholecystectomy	5	40.0	9.1	*	40.0	12.6	*	40.0	14.4	*
Hysterectomy	2	0.0	0.6	*	0.0	0.9	*	0.0	1.2	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

GLENOAKS MEDICAL CENTER INC

1505 Jill Court
Glendale Heights, IL 60137

Medicare Provider Number: 140292

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	390	18.2	15.8	2.5	25.9	21.4	3.0	31.0	25.6	2.7
CONDITIONS:										
Acute Myocardial Infarction	11	36.4	36.0	*	36.4	39.6	*	36.4	43.3	*
Congestive Heart Failure	17	29.4	13.4	*	35.3	20.5	*	41.2	26.7	*
Pneumonia/Influenza	18	16.7	16.3	*	27.8	22.5	*	33.3	27.2	*
Chronic Obstructive Pulmonary Disease	8	12.5	13.8	*	25.0	23.1	*	37.5	31.2	*
Transient Cerebral Ischemia	8	12.5	1.6	*	12.5	3.3	*	12.5	5.1	*
Stroke	23	26.1	20.6	*	43.5	26.8	*	47.8	31.2	*
Hip Fracture	7	14.3	7.4	*	14.3	13.2	*	28.6	17.2	*
Sepsis	23	30.4	36.8	*	43.5	47.4	*	47.8	53.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	4.5	*	0.0	12.9	*	0.0	23.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	2.4	*	0.0	4.9	*	0.0	6.9	*
Open Reduction of Hip Fracture	5	0.0	6.5	*	0.0	11.4	*	20.0	14.5	*
Prostatectomy	10	0.0	4.1	*	10.0	9.9	*	20.0	15.8	*
Cholecystectomy	6	0.0	9.7	*	16.7	15.2	*	33.3	17.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	120
Occupancy Rate	63
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	118
Percent of Physicians Board Certified Specialists	73
Medical Residents/Interns	0
Registered Nurses	112
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

GLENOAKS MEDICAL CENTER INC

Medicare Provider Number: 140292

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	384	15.1	15.8	2.3	23.4	21.7	2.3	29.7	26.2	3.1
CONDITIONS:										
Acute Myocardial Infarction	13	23.1	32.0	*	38.5	35.1	*	46.2	38.7	*
Congestive Heart Failure	28	17.9	19.9	*	32.1	29.6	*	35.7	36.9	*
Pneumonia/Influenza	26	19.2	19.9	*	34.6	26.6	*	42.3	31.5	*
Chronic Obstructive Pulmonary Disease	6	0.0	6.6	*	16.7	10.8	*	16.7	14.6	*
Transient Cerebral Ischemia	20	0.0	2.3	*	0.0	4.9	*	10.0	7.8	*
Stroke	15	20.0	32.6	*	26.7	39.3	*	40.0	43.9	*
Hip Fracture	10	0.0	8.3	*	20.0	14.2	*	20.0	17.7	*
Sepsis	18	44.4	38.7	*	50.0	46.3	*	61.1	52.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	19.2	*	0.0	30.1	*	0.0	36.2	*
Carotid Endarterectomy	1	0.0	1.3	*	0.0	2.3	*	0.0	3.3	*
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	8	0.0	7.4	*	12.5	13.1	*	12.5	16.5	*
Prostatectomy	11	0.0	2.6	*	0.0	6.6	*	9.1	11.0	*
Cholecystectomy	2	0.0	1.3	*	0.0	2.0	*	0.0	2.5	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	390	16.4	15.2	1.9	23.6	21.4	2.3	28.7	26.2	2.6
CONDITIONS:										
Acute Myocardial Infarction	11	36.4	30.0	*	36.4	33.9	*	36.4	37.3	*
Congestive Heart Failure	16	18.8	19.8	*	37.5	29.0	*	56.3	36.2	*
Pneumonia/Influenza	39	25.6	19.6	*	35.9	26.3	*	35.9	31.6	*
Chronic Obstructive Pulmonary Disease	7	14.3	12.1	*	42.9	19.0	*	42.9	24.6	*
Transient Cerebral Ischemia	14	0.0	2.2	*	7.1	4.9	*	14.3	7.8	*
Stroke	19	26.3	30.2	*	42.1	38.3	*	47.4	43.4	*
Hip Fracture	10	10.0	8.5	*	30.0	15.5	*	40.0	20.1	*
Sepsis	21	47.6	40.2	*	52.4	46.5	*	57.1	53.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.9	*	0.0	6.2	*	0.0	9.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	7.3	*	50.0	13.8	*	50.0	18.0	*
Open Reduction of Hip Fracture	5	20.0	7.5	*	20.0	14.2	*	20.0	18.4	*
Prostatectomy	2	0.0	3.0	*	0.0	8.5	*	0.0	15.8	*
Cholecystectomy	8	12.5	3.4	*	12.5	5.3	*	12.5	6.7	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

701 Winthrop Avenue
Glendale Heights, IL 60139
708-858-9700

GlenOaks
MEDICAL CENTER

*Partners in Health
with Hinsdale Hospital*

January 7, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Enclosed are the interpretive comments for GlenOaks Medical Center provider #140292. These comments are to be released with our hosptial-specific mortality rates scheduled for publication in the Medicare Hospital Mortality Information.

Thank you for the opportunity to share our comments to HCFA's Medicare Mortality analysis.

Sincerely,

Gary Irish
President

701 Winthrop Avenue
Glendale Heights, IL 60139
708-858-9700

GlenOaks
MEDICAL CENTER

Partners in Health
with Hinsdale Hospital

Medicare Provider #140292

Interpretive Comments:

Medicare's mortality data shows GlenOaks Medical Center's rate is acceptable. Using Medicare's standard deviation tables that tell how meaningful the difference is between the observed and predicted mortality rates, GlenOaks rate falls within the acceptable range. Medicare's hospital mortality data indicates that all observed rates for GlenOaks do not exceed the predicted mortality rate to an extent that is meaningful or statistically significant.

The GlenOaks Medical Center patient mix of Medicare patients contains predominantly the very elderly and more severely ill segment of the Medicare population. Over 90% of the Medicare patients discussed live in nearby nursing homes. They are significantly older than the norm. Nine percent (9 out of 96) of the Medicare patients who expired at GlenOaks during 1989 were ninety years of age or older, with the average age being over 80 years. Based on Medisgroup's National Severity of Illness Index, GlenOaks Medical Center's Medicare patients are three standard deviations higher than the norm of admission severity while the mortality rate is within one standard deviation of Medicare's norms at 30, 60 and 180 days.

As part of the hospital's internal quality assurance programs, every death is reviewed by a committee of physicians for the quality timeliness and appropriateness of the care rendered each patient. A comprehensive program of quality review headed by a Quality Assurance Committee exists to guide the physicians and hospital in identifying ways to provide the best care possible for each patient.

GOOD SAMARITAN HOSPITAL

3815 Highland Avenue
Downers Grove, IL 60515

Medicare Provider Number: 140288

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,298	7.8	7.8	0.6	11.8	12.0	0.8	14.4	15.3	0.9
CONDITIONS:										
Acute Myocardial Infarction	36	41.7	29.4	*	41.7	32.5	*	44.4	35.7	*
Congestive Heart Failure	79	21.5	14.6	8.7	27.8	22.6	8.9	32.9	29.2	7.0
Pneumonia/Influenza	100	15.0	16.2	3.9	19.0	22.0	4.9	20.0	26.6	7.1
Chronic Obstructive Pulmonary Disease	14	0.0	6.1	*	0.0	9.8	*	7.1	13.4	*
Transient Cerebral Ischemia	25	0.0	1.9	*	4.0	4.2	*	8.0	6.5	*
Stroke	85	17.6	20.1	4.9	24.7	26.9	5.5	28.2	31.3	6.7
Hip Fracture	63	1.6	6.6	4.7	4.8	11.7	7.0	6.3	15.1	8.1
Sepsis	10	50.0	29.7	*	50.0	39.6	*	50.0	46.5	*
PROCEDURES:										
Angioplasty	100	7.0	2.5	2.5	7.0	3.7	2.6	7.0	4.8	3.0
Coronary Artery Bypass Graft	99	2.0	5.5	3.3	2.0	7.6	4.1	3.0	9.0	4.5
Initial Pacemaker Insertion	20	0.0	2.0	*	0.0	4.0	*	0.0	6.1	*
Carotid Endarterectomy	7	0.0	2.4	*	0.0	4.7	*	14.3	7.0	*
Hip Replacement/Reconstruction	43	0.0	3.4	*	2.3	6.3	*	4.7	8.6	*
Open Reduction of Hip Fracture	30	3.3	6.2	*	3.3	11.4	*	3.3	14.8	*
Prostatectomy	40	5.0	1.1	*	5.0	2.7	*	7.5	4.5	*
Cholecystectomy	54	1.9	2.8	2.4	1.9	5.4	4.3	5.6	7.3	4.8
Hysterectomy	16	0.0	0.3	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	311
Occupancy Rate	71
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	333
Percent of Physicians Board Certified Specialists	70
Medical Residents/Interns	0
Registered Nurses	369
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

GOOD SAMARITAN HOSPITAL

Medicare Provider Number: 140288

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,399	7.8	8.3	1.0	11.4	12.6	1.1	14.9	16.0	1.1
CONDITIONS:										
Acute Myocardial Infarction	59	32.2	27.5	7.4	33.9	30.5	6.7	33.9	33.8	6.2
Congestive Heart Failure	99	18.2	16.0	4.5	27.3	24.3	6.7	38.4	31.2	10.1
Pneumonia/Influenza	112	19.6	17.3	4.2	23.2	23.4	4.2	29.5	28.1	4.8
Chronic Obstructive Pulmonary Disease	8	0.0	11.7	*	0.0	19.6	*	37.5	26.0	*
Transient Cerebral Ischemia	32	0.0	1.8	*	0.0	3.6	*	3.1	5.6	*
Stroke	70	25.7	24.6	5.5	37.1	31.2	7.8	44.3	35.8	9.9
Hip Fracture	70	4.3	7.1	3.8	7.1	12.4	6.3	11.4	15.7	6.3
Sepsis	12	41.7	27.6	*	50.0	37.1	*	50.0	43.3	*
PROCEDURES:										
Angioplasty	79	2.5	2.9	2.4	2.5	3.7	2.4	2.5	4.6	2.9
Coronary Artery Bypass Graft	100	3.0	7.0	3.4	4.0	9.8	3.7	5.0	11.6	4.1
Initial Pacemaker Insertion	21	0.0	4.4	*	0.0	8.7	*	4.8	12.6	*
Carotid Endarterectomy	22	0.0	1.5	*	4.5	2.7	*	4.5	4.0	*
Hip Replacement/Reconstruction	44	2.3	4.7	*	4.5	8.8	*	9.1	11.3	*
Open Reduction of Hip Fracture	22	4.5	4.9	*	9.1	9.3	*	9.1	12.1	*
Prostatectomy	67	1.5	1.4	1.8	6.0	3.3	3.1	6.0	5.4	2.8
Cholecystectomy	46	4.3	3.5	*	8.7	6.1	*	8.7	7.7	*
Hysterectomy	16	0.0	4.5	*	12.5	6.6	*	12.5	8.0	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,028	8.7	9.0	1.0	13.3	13.4	0.9	16.3	16.8	1.0
CONDITIONS:										
Acute Myocardial Infarction	73	26.0	30.2	5.6	28.8	33.7	6.0	30.1	37.3	6.4
Congestive Heart Failure	99	22.2	18.0	5.2	34.3	26.8	6.1	37.4	34.1	5.1
Pneumonia/Influenza	83	22.9	17.8	6.7	27.7	23.9	9.4	36.1	28.8	10.7
Chronic Obstructive Pulmonary Disease	31	6.5	13.1	*	22.6	20.6	*	25.8	26.1	*
Transient Cerebral Ischemia	27	0.0	1.8	*	0.0	3.6	*	0.0	5.5	*
Stroke	56	17.9	22.5	9.7	26.8	29.4	9.3	30.4	34.0	8.7
Hip Fracture	44	4.5	7.8	*	13.6	13.7	*	15.9	17.4	*
Sepsis	18	22.2	21.4	*	22.2	28.2	*	27.8	33.6	*
PROCEDURES:										
Angioplasty	35	5.7	4.1	*	8.6	5.3	*	8.6	6.6	*
Coronary Artery Bypass Graft	60	0.0	6.8	*	0.0	9.1	*	0.0	10.7	*
Initial Pacemaker Insertion	15	0.0	3.5	*	0.0	7.5	*	6.7	11.1	*
Carotid Endarterectomy	20	0.0	1.9	*	5.0	3.5	*	5.0	5.1	*
Hip Replacement/Reconstruction	25	4.0	6.0	*	16.0	10.8	*	20.0	13.8	*
Open Reduction of Hip Fracture	18	0.0	6.5	*	0.0	12.2	*	0.0	15.8	*
Prostatectomy	44	0.0	1.1	*	0.0	2.6	*	2.3	4.4	*
Cholecystectomy	51	2.0	3.2	3.7	7.8	5.5	3.8	7.8	6.9	3.8
Hysterectomy	19	0.0	0.6	*	0.0	1.2	*	5.3	1.6	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

GOOD SAMARITAN REGIONAL HEALTH CENTER

605 N 12th Street
Mount Vernon, IL 62864

Medicare Provider Number: 140046

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,149	7.6	9.0	1.2	11.7	13.8	1.7	14.9	17.7	2.0
CONDITIONS:										
Acute Myocardial Infarction	22	31.8	26.3	*	31.8	30.2	*	40.9	34.0	*
Congestive Heart Failure	50	12.0	16.3	*	18.0	25.4	*	22.0	32.5	*
Pneumonia/Influenza	58	15.5	14.6	5.3	19.0	20.1	5.4	25.9	24.4	6.7
Chronic Obstructive Pulmonary Disease	12	8.3	6.7	*	8.3	12.0	*	8.3	16.7	*
Transient Cerebral Ischemia	24	0.0	1.8	*	4.2	3.8	*	4.2	6.1	*
Stroke	28	17.9	20.5	*	21.4	27.5	*	28.6	32.0	*
Hip Fracture	33	3.0	5.3	*	6.1	9.7	*	9.1	12.9	*
Sepsis	40	10.0	28.1	*	20.0	35.5	*	20.0	41.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	1.7	*	0.0	3.6	*	0.0	5.4	*
Carotid Endarterectomy	1	0.0	1.1	*	0.0	1.9	*	0.0	2.7	*
Hip Replacement/Reconstruction	29	3.4	3.4	*	3.4	6.7	*	6.9	9.2	*
Open Reduction of Hip Fracture	10	0.0	4.7	*	0.0	8.5	*	0.0	11.1	*
Prostatectomy	58	1.7	1.0	1.5	1.7	2.4	2.1	1.7	4.2	3.3
Cholecystectomy	13	0.0	2.7	*	0.0	4.2	*	0.0	5.2	*
Hysterectomy	8	0.0	0.4	*	0.0	0.9	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	142
Occupancy Rate	51
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	43
Percent of Physicians Board Certified Specialists	93
Medical Residents/Interns	0
Registered Nurses	120
Licensed Practical Nurses	29

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

GOOD SAMARITAN REGIONAL HEALTH CENTER

Medicare Provider Number: 140046

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,329	6.1	9.2	1.0	10.1	13.9	1.2	13.4	17.6	1.4
CONDITIONS:										
Acute Myocardial Infarction	42	19.0	34.0	*	28.6	37.4	*	31.0	41.3	*
Congestive Heart Failure	60	10.0	17.5	8.6	21.7	27.2	10.0	28.3	34.8	12.5
Pneumonia/Influenza	50	6.0	15.9	*	8.0	22.1	*	16.0	26.8	*
Chronic Obstructive Pulmonary Disease	13	0.0	4.3	*	7.7	7.6	*	15.4	10.5	*
Transient Cerebral Ischemia	14	0.0	2.4	*	0.0	5.2	*	7.1	8.2	*
Stroke	27	14.8	23.6	*	14.8	31.5	*	25.9	36.7	*
Hip Fracture	39	0.0	7.6	*	5.1	13.6	*	5.1	17.3	*
Sepsis	37	13.5	26.8	*	18.9	35.2	*	24.3	41.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	10.9	*	0.0	14.5	*	0.0	18.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	20	0.0	5.6	*	0.0	11.0	*	0.0	14.6	*
Open Reduction of Hip Fracture	22	0.0	6.2	*	4.5	11.6	*	4.5	15.1	*
Prostatectomy	68	0.0	2.1	2.5	2.9	3.8	2.5	2.9	5.7	3.7
Cholecystectomy	26	3.8	5.8	*	3.8	9.0	*	7.7	11.3	*
Hysterectomy	5	0.0	0.8	*	0.0	1.6	*	0.0	2.4	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,320	6.4	9.4	1.5	11.4	14.5	1.7	13.6	18.5	3.6
CONDITIONS:										
Acute Myocardial Infarction	34	32.4	33.9	*	32.4	37.8	*	35.3	41.6	*
Congestive Heart Failure	49	8.2	16.2	*	16.3	24.2	*	26.5	31.0	*
Pneumonia/Influenza	61	4.9	17.5	6.3	9.8	23.5	7.8	11.5	28.1	7.7
Chronic Obstructive Pulmonary Disease	18	5.6	8.8	*	11.1	14.4	*	11.1	19.0	*
Transient Cerebral Ischemia	19	0.0	2.7	*	0.0	5.9	*	0.0	9.5	*
Stroke	35	14.3	19.8	*	20.0	26.3	*	20.0	30.6	*
Hip Fracture	38	2.6	7.9	*	10.5	14.4	*	13.2	18.3	*
Sepsis	28	17.9	29.1	*	21.4	37.6	*	21.4	44.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	12.5	4.7	*	12.5	9.1	*	12.5	13.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	23	0.0	3.7	*	4.3	7.1	*	4.3	9.4	*
Open Reduction of Hip Fracture	24	4.2	6.5	*	8.3	12.1	*	8.3	15.6	*
Prostatectomy	50	2.0	1.1	*	2.0	2.6	*	2.0	4.4	*
Cholecystectomy	21	0.0	1.6	*	0.0	2.7	*	0.0	3.5	*
Hysterectomy	10	0.0	0.8	*	0.0	1.7	*	0.0	2.7	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

GOOD SHEPHERD HOSPITAL

450 West Highway 22
Barrington, IL 60010

Medicare Provider Number: 140291

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	987	11.2	10.4	1.3	15.9	15.2	1.4	20.3	18.9	1.8
CONDITIONS:										
Acute Myocardial Infarction	24	37.5	29.5	*	45.8	32.4	*	54.2	35.8	*
Congestive Heart Failure	52	23.1	16.2	10.1	30.8	25.3	10.0	36.5	32.5	7.5
Pneumonia/Influenza	70	21.4	15.8	7.2	24.3	21.3	6.2	28.6	25.8	6.1
Chronic Obstructive Pulmonary Disease	9	0.0	9.6	*	0.0	15.6	*	0.0	20.8	*
Transient Cerebral Ischemia	16	0.0	1.7	*	0.0	3.7	*	0.0	5.8	*
Stroke	31	22.6	26.6	*	32.3	33.0	*	35.5	37.4	*
Hip Fracture	31	0.0	8.8	*	6.5	14.9	*	9.7	18.7	*
Sepsis	16	43.8	27.3	*	50.0	34.6	*	68.8	40.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	2.0	*	0.0	4.4	*	50.0	7.0	*
Carotid Endarterectomy	2	0.0	1.3	*	0.0	2.7	*	0.0	3.8	*
Hip Replacement/Reconstruction	16	0.0	2.4	*	6.3	4.4	*	6.3	5.8	*
Open Reduction of Hip Fracture	20	0.0	9.6	*	5.0	17.1	*	10.0	21.7	*
Prostatectomy	31	6.5	1.0	*	6.5	2.6	*	12.9	4.4	*
Cholecystectomy	15	0.0	6.8	*	6.7	13.5	*	13.3	18.0	*
Hysterectomy	8	0.0	0.9	*	0.0	2.0	*	0.0	3.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	162
Occupancy Rate	61
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	161
Percent of Physicians Board Certified Specialists	92
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

GOOD SHEPHERD HOSPITAL

Medicare Provider Number: 140291

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,054	7.7	9.3	1.4	12.4	13.9	1.4	16.6	17.6	1.4
CONDITIONS:										
Acute Myocardial Infarction	29	34.5	33.3	*	41.4	37.1	*	44.8	41.0	*
Congestive Heart Failure	58	12.1	18.2	6.5	17.2	27.2	8.2	29.3	34.5	7.6
Pneumonia/Influenza	45	11.1	15.1	*	22.2	20.5	*	26.7	24.8	*
Chronic Obstructive Pulmonary Disease	24	12.5	7.0	*	16.7	12.0	*	20.8	16.8	*
Transient Cerebral Ischemia	17	5.9	1.8	*	5.9	3.9	*	11.8	6.1	*
Stroke	62	9.7	21.9	6.6	21.0	28.2	6.5	29.0	32.7	6.8
Hip Fracture	38	10.5	8.7	*	13.2	14.8	*	13.2	18.4	*
Sepsis	9	11.1	30.5	*	33.3	37.2	*	33.3	43.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	4.1	*	0.0	6.9	*	0.0	10.0	*
Carotid Endarterectomy	1	0.0	0.4	*	0.0	0.9	*	0.0	1.5	*
Hip Replacement/Reconstruction	18	5.6	4.0	*	5.6	7.3	*	5.6	9.5	*
Open Reduction of Hip Fracture	27	11.1	7.0	*	14.8	12.4	*	14.8	15.7	*
Prostatectomy	24	0.0	1.0	*	0.0	2.2	*	4.2	3.7	*
Cholecystectomy	19	0.0	2.6	*	0.0	4.6	*	0.0	5.9	*
Hysterectomy	14	0.0	1.3	*	7.1	2.7	*	7.1	4.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	918	9.9	10.3	2.5	15.3	14.9	2.5	19.1	18.6	2.6
CONDITIONS:										
Acute Myocardial Infarction	32	18.8	32.2	*	21.9	35.8	*	25.0	39.3	*
Congestive Heart Failure	47	17.0	17.7	*	23.4	26.9	*	36.2	34.3	*
Pneumonia/Influenza	44	20.5	16.5	*	29.5	21.9	*	34.1	26.4	*
Chronic Obstructive Pulmonary Disease	17	17.6	8.0	*	29.4	13.4	*	29.4	17.9	*
Transient Cerebral Ischemia	17	0.0	1.7	*	0.0	3.7	*	0.0	5.9	*
Stroke	35	22.9	25.0	*	28.6	31.6	*	28.6	36.0	*
Hip Fracture	42	2.4	7.8	*	9.5	13.8	*	14.3	17.6	*
Sepsis	16	37.5	29.2	*	50.0	35.5	*	56.3	40.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	5.2	*	0.0	10.5	*	0.0	14.8	*
Carotid Endarterectomy	1	0.0	1.4	*	0.0	2.3	*	0.0	3.2	*
Hip Replacement/Reconstruction	18	0.0	3.9	*	0.0	7.1	*	0.0	9.3	*
Open Reduction of Hip Fracture	24	0.0	6.9	*	4.2	12.8	*	12.5	16.6	*
Prostatectomy	20	0.0	0.7	*	0.0	1.7	*	5.0	2.8	*
Cholecystectomy	13	0.0	1.8	*	0.0	3.3	*	0.0	4.4	*
Hysterectomy	6	0.0	1.1	*	0.0	2.5	*	0.0	4.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

GOTTLIEB MEMORIAL HOSPITAL

701 West North Ave
Melrose Park, IL 60160

Medicare Provider Number: 140008

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,955	7.9	9.3	1.4	12.8	14.1	1.3	16.0	17.9	1.8
CONDITIONS:										
Acute Myocardial Infarction	60	28.3	25.2	6.0	35.0	28.9	6.3	40.0	32.5	7.2
Congestive Heart Failure	133	12.0	14.8	4.8	17.3	23.0	5.5	21.8	29.8	6.9
Pneumonia/Influenza	67	10.4	15.7	6.2	17.9	21.3	6.8	19.4	26.0	10.1
Chronic Obstructive Pulmonary Disease	14	0.0	12.7	*	14.3	19.5	*	21.4	25.2	*
Transient Cerebral Ischemia	32	3.1	1.8	*	3.1	4.0	*	6.3	6.3	*
Stroke	75	10.7	20.5	8.2	20.0	27.9	8.4	24.0	32.4	8.3
Hip Fracture	35	11.4	6.4	*	20.0	11.5	*	22.9	15.0	*
Sepsis	19	10.5	31.6	*	26.3	40.9	*	36.8	48.0	*
PROCEDURES:										
Angioplasty	18	5.6	1.4	*	5.6	2.1	*	11.1	3.0	*
Coronary Artery Bypass Graft	21	4.8	4.2	*	4.8	5.6	*	4.8	6.7	*
Initial Pacemaker Insertion	25	4.0	3.5	*	4.0	6.4	*	12.0	9.0	*
Carotid Endarterectomy	4	25.0	1.7	*	25.0	3.2	*	25.0	4.7	*
Hip Replacement/Reconstruction	18	16.7	4.8	*	27.8	9.2	*	27.8	12.4	*
Open Reduction of Hip Fracture	22	4.5	4.7	*	9.1	8.6	*	9.1	11.3	*
Prostatectomy	59	1.7	1.3	1.8	1.7	3.3	2.7	5.1	5.4	3.8
Cholecystectomy	37	5.4	3.8	*	5.4	6.2	*	5.4	8.1	*
Hysterectomy	12	0.0	0.5	*	0.0	1.1	*	8.3	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	275
Occupancy Rate	64
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	219
Percent of Physicians Board Certified Specialists	74
Medical Residents/Interns	0
Registered Nurses	188
Licensed Practical Nurses	27

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

GOTTLIEB MEMORIAL HOSPITAL

Medicare Provider Number: 140008

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,057	7.9	9.1	1.0	13.0	13.7	1.0	16.2	17.3	1.1
CONDITIONS:										
Acute Myocardial Infarction	52	23.1	27.1	7.5	32.7	30.1	6.8	32.7	33.5	8.2
Congestive Heart Failure	136	15.4	16.4	3.3	21.3	24.5	4.6	29.4	31.3	4.3
Pneumonia/Influenza	69	13.0	16.4	6.9	17.4	21.9	8.1	20.3	26.3	9.7
Chronic Obstructive Pulmonary Disease	22	4.5	13.1	*	18.2	20.6	*	22.7	26.6	*
Transient Cerebral Ischemia	43	0.0	1.8	*	2.3	3.9	*	2.3	6.1	*
Stroke	73	15.1	19.4	6.0	27.4	25.7	5.7	30.1	30.2	5.4
Hip Fracture	46	4.3	6.8	*	8.7	12.1	*	15.2	15.3	*
Sepsis	23	17.4	21.6	*	30.4	30.7	*	39.1	37.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	20	10.0	3.8	*	10.0	7.4	*	10.0	10.7	*
Carotid Endarterectomy	13	0.0	1.5	*	0.0	2.7	*	0.0	3.9	*
Hip Replacement/Reconstruction	26	3.8	3.4	*	7.7	6.3	*	7.7	8.1	*
Open Reduction of Hip Fracture	28	3.6	6.1	*	7.1	11.4	*	17.9	14.7	*
Prostatectomy	64	0.0	0.9	*	0.0	2.1	*	0.0	3.6	*
Cholecystectomy	38	10.5	4.8	*	13.2	8.8	*	18.4	11.4	*
Hysterectomy	17	0.0	0.4	*	0.0	0.7	*	0.0	1.1	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,881	9.0	9.0	0.7	14.1	13.6	1.0	16.7	17.2	1.3
CONDITIONS:										
Acute Myocardial Infarction	55	34.5	31.0	13.4	40.0	34.0	13.3	40.0	37.1	12.2
Congestive Heart Failure	119	20.2	16.8	5.4	30.3	24.9	7.6	36.1	31.7	8.5
Pneumonia/Influenza	62	17.7	18.2	5.5	25.8	24.2	8.4	30.6	29.1	7.8
Chronic Obstructive Pulmonary Disease	17	5.9	12.0	*	23.5	18.1	*	23.5	22.9	*
Transient Cerebral Ischemia	40	2.5	2.0	*	5.0	4.3	*	7.5	6.9	*
Stroke	77	20.8	22.4	6.3	33.8	29.4	6.6	35.1	34.0	5.6
Hip Fracture	43	9.3	6.3	*	14.0	11.1	*	16.3	14.3	*
Sepsis	20	15.0	32.2	*	25.0	41.3	*	25.0	48.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	20	0.0	6.1	*	0.0	10.2	*	5.0	13.8	*
Carotid Endarterectomy	6	0.0	1.3	*	0.0	2.3	*	0.0	3.4	*
Hip Replacement/Reconstruction	24	12.5	4.5	*	20.8	8.5	*	20.8	11.1	*
Open Reduction of Hip Fracture	22	9.1	5.6	*	9.1	10.3	*	9.1	13.4	*
Prostatectomy	64	0.0	1.2	*	0.0	3.0	*	0.0	4.9	*
Cholecystectomy	30	6.7	2.8	*	6.7	5.0	*	10.0	6.3	*
Hysterectomy	22	0.0	1.0	*	9.1	2.2	*	9.1	3.4	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

GRAHAM HOSPITAL ASSOCIATION

210 West Walnut Street
Canton, IL 61520

Medicare Provider Number: 140001

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	741	10.8	10.3	1.2	16.2	15.4	1.6	20.5	19.4	2.5
CONDITIONS:										
Acute Myocardial Infarction	31	25.8	22.7	*	32.3	26.3	*	32.3	29.8	*
Congestive Heart Failure	55	20.0	15.5	6.1	27.3	24.4	9.3	43.6	31.6	11.6
Pneumonia/Influenza	46	13.0	15.0	*	19.6	20.3	*	19.6	24.6	*
Chronic Obstructive Pulmonary Disease	11	0.0	8.9	*	9.1	15.1	*	18.2	20.4	*
Transient Cerebral Ischemia	13	0.0	2.5	*	7.7	5.6	*	23.1	8.9	*
Stroke	28	7.1	18.8	*	25.0	25.0	*	32.1	29.2	*
Hip Fracture	17	5.9	6.4	*	5.9	11.4	*	5.9	14.7	*
Sepsis	21	28.6	27.6	*	33.3	35.1	*	33.3	41.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	8.1	*	20.0	16.1	*	20.0	23.2	*
Carotid Endarterectomy	8	0.0	1.8	*	0.0	3.2	*	0.0	4.8	*
Hip Replacement/Reconstruction	8	0.0	3.4	*	0.0	6.4	*	0.0	8.7	*
Open Reduction of Hip Fracture	7	14.3	5.8	*	14.3	10.8	*	14.3	14.1	*
Prostatectomy	21	0.0	1.6	*	0.0	4.0	*	9.5	6.6	*
Cholecystectomy	22	4.5	2.5	*	4.5	4.1	*	4.5	5.3	*
Hysterectomy	6	0.0	0.4	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	121
Occupancy Rate	61
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	24
Percent of Physicians Board Certified Specialists	63
Medical Residents/Interns	0
Registered Nurses	58
Licensed Practical Nurses	32

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

GRAHAM HOSPITAL ASSOCIATION

Medicare Provider Number: 140001

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	911	9.7	9.7	1.0	13.9	14.7	1.4	17.5	18.5	1.7
CONDITIONS:										
Acute Myocardial Infarction	49	16.3	23.6	*	20.4	26.8	*	30.6	30.3	*
Congestive Heart Failure	57	10.5	17.5	8.2	21.1	26.6	9.1	26.3	33.9	12.8
Pneumonia/Influenza	37	27.0	17.7	*	32.4	23.8	*	35.1	28.5	*
Chronic Obstructive Pulmonary Disease	2	0.0	13.1	*	0.0	18.2	*	0.0	22.9	*
Transient Cerebral Ischemia	18	5.6	2.2	*	5.6	4.6	*	11.1	7.2	*
Stroke	38	13.2	18.3	*	18.4	25.3	*	21.1	30.1	*
Hip Fracture	31	12.9	8.0	*	22.6	14.5	*	25.8	18.7	*
Sepsis	21	19.0	21.4	*	23.8	28.0	*	23.8	33.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	16.7	8.2	*	16.7	14.2	*	16.7	18.6	*
Carotid Endarterectomy	8	0.0	1.8	*	0.0	3.4	*	12.5	5.0	*
Hip Replacement/Reconstruction	14	0.0	6.3	*	0.0	12.3	*	7.1	16.3	*
Open Reduction of Hip Fracture	10	10.0	5.2	*	10.0	10.4	*	20.0	14.2	*
Prostatectomy	46	0.0	1.4	*	2.2	3.3	*	2.2	5.4	*
Cholecystectomy	22	0.0	2.3	*	0.0	4.0	*	0.0	5.2	*
Hysterectomy	5	20.0	1.5	*	20.0	2.9	*	20.0	4.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,051	8.8	9.0	0.9	14.0	13.8	1.1	17.9	17.8	1.2
CONDITIONS:										
Acute Myocardial Infarction	39	33.3	31.0	*	41.0	34.7	*	46.2	38.3	*
Congestive Heart Failure	78	16.7	15.8	5.5	26.9	24.2	5.6	33.3	31.1	6.3
Pneumonia/Influenza	34	20.6	15.5	*	26.5	21.1	*	29.4	25.6	*
Chronic Obstructive Pulmonary Disease	12	0.0	9.3	*	8.3	15.5	*	8.3	20.7	*
Transient Cerebral Ischemia	17	5.9	2.2	*	5.9	4.5	*	11.8	7.1	*
Stroke	31	19.4	18.8	*	25.8	25.8	*	32.3	30.3	*
Hip Fracture	25	4.0	5.9	*	8.0	10.8	*	12.0	14.2	*
Sepsis	18	5.6	24.2	*	16.7	30.1	*	16.7	35.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	10.1	*	0.0	16.3	*	0.0	20.2	*
Carotid Endarterectomy	10	0.0	2.2	*	0.0	4.6	*	0.0	6.9	*
Hip Replacement/Reconstruction	10	0.0	4.1	*	0.0	8.0	*	10.0	10.6	*
Open Reduction of Hip Fracture	12	8.3	5.2	*	16.7	9.9	*	16.7	13.2	*
Prostatectomy	53	0.0	1.4	2.0	0.0	3.4	3.7	1.9	5.7	4.4
Cholecystectomy	19	5.3	4.1	*	5.3	7.4	*	5.3	9.7	*
Hysterectomy	3	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

GRANT HOSPITAL OF CHICAGO

550 W Webster Ave
Chicago, IL 60614

Medicare Provider Number: 140207

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,555	8.2	9.0	0.9	14.7	14.6	1.1	19.5	18.8	1.2
CONDITIONS:										
Acute Myocardial Infarction	17	23.5	29.1	*	23.5	32.8	*	23.5	36.4	*
Congestive Heart Failure	65	7.7	13.2	6.9	13.8	20.5	9.8	18.5	26.6	11.3
Pneumonia/Influenza	49	14.3	15.4	*	18.4	21.1	*	20.4	25.7	*
Chronic Obstructive Pulmonary Disease	27	7.4	8.3	*	18.5	15.5	*	25.9	21.5	*
Transient Cerebral Ischemia	27	3.7	1.5	*	3.7	3.2	*	3.7	5.1	*
Stroke	38	23.7	21.4	*	34.2	29.1	*	34.2	33.8	*
Hip Fracture	26	3.8	6.9	*	15.4	12.5	*	23.1	16.2	*
Sepsis	11	18.2	30.1	*	27.3	42.2	*	63.6	49.3	*
PROCEDURES:										
Angioplasty	8	0.0	1.1	*	0.0	1.7	*	12.5	2.4	*
Coronary Artery Bypass Graft	11	0.0	7.1	*	0.0	10.8	*	0.0	12.9	*
Initial Pacemaker Insertion	22	0.0	3.4	*	0.0	6.0	*	0.0	8.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	14	0.0	2.9	*	14.3	5.7	*	21.4	7.7	*
Open Reduction of Hip Fracture	9	11.1	8.1	*	22.2	15.0	*	22.2	19.4	*
Prostatectomy	62	1.6	0.8	1.5	1.6	2.0	1.9	1.6	3.4	2.7
Cholecystectomy	21	0.0	3.2	*	4.8	6.5	*	4.8	9.1	*
Hysterectomy	7	0.0	1.3	*	0.0	2.9	*	14.3	4.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	302
Occupancy Rate	69
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	261
Percent of Physicians Board Certified Specialists	83
Medical Residents/Interns	37
Registered Nurses	285
Licensed Practical Nurses	34

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

GRANT HOSPITAL OF CHICAGO

Medicare Provider Number: 140207

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,830	8.9	9.9	1.0	14.2	15.8	1.1	19.3	20.3	1.1
CONDITIONS:										
Acute Myocardial Infarction	45	24.4	29.0	*	26.7	33.2	*	28.9	37.3	*
Congestive Heart Failure	81	13.6	14.8	4.7	23.5	22.9	5.3	35.8	29.5	6.4
Pneumonia/Influenza	38	15.8	18.2	*	15.8	25.0	*	26.3	30.2	*
Chronic Obstructive Pulmonary Disease	25	8.0	10.5	*	20.0	18.5	*	24.0	24.8	*
Transient Cerebral Ischemia	34	0.0	1.8	*	2.9	4.0	*	5.9	6.3	*
Stroke	50	18.0	20.4	*	22.0	27.7	*	32.0	32.5	*
Hip Fracture	30	10.0	8.0	*	20.0	14.0	*	20.0	17.5	*
Sepsis	10	10.0	25.9	*	40.0	36.4	*	50.0	43.3	*
PROCEDURES:										
Angioplasty	6	0.0	3.8	*	0.0	4.7	*	0.0	5.9	*
Coronary Artery Bypass Graft	10	0.0	8.2	*	0.0	11.3	*	10.0	13.1	*
Initial Pacemaker Insertion	26	3.8	4.0	*	7.7	8.0	*	11.5	11.6	*
Carotid Endarterectomy	2	50.0	1.3	*	50.0	2.4	*	50.0	3.5	*
Hip Replacement/Reconstruction	9	11.1	5.3	*	22.2	9.5	*	22.2	11.8	*
Open Reduction of Hip Fracture	9	11.1	6.6	*	22.2	12.3	*	22.2	16.0	*
Prostatectomy	55	3.6	1.3	2.5	5.5	3.3	3.1	9.1	5.3	4.7
Cholecystectomy	33	6.1	3.1	*	9.1	6.3	*	9.1	8.9	*
Hysterectomy	7	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,957	8.8	10.1	1.9	15.0	16.2	2.0	19.5	20.7	2.4
CONDITIONS:										
Acute Myocardial Infarction	49	20.4	25.6	*	22.4	29.8	*	26.5	33.7	*
Congestive Heart Failure	89	12.4	16.4	4.6	21.3	25.5	5.7	24.7	32.7	7.6
Pneumonia/Influenza	48	22.9	17.5	*	31.3	23.9	*	35.4	28.8	*
Chronic Obstructive Pulmonary Disease	27	7.4	11.8	*	11.1	18.9	*	25.9	23.7	*
Transient Cerebral Ischemia	46	2.2	2.0	*	4.3	4.3	*	4.3	6.9	*
Stroke	62	11.3	21.9	8.3	17.7	29.5	9.1	24.2	34.4	8.4
Hip Fracture	20	15.0	9.4	*	15.0	16.9	*	25.0	21.6	*
Sepsis	24	20.8	33.6	*	45.8	46.7	*	54.2	54.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	10	0.0	7.0	*	10.0	8.8	*	10.0	9.9	*
Initial Pacemaker Insertion	14	0.0	4.3	*	7.1	9.2	*	7.1	13.8	*
Carotid Endarterectomy	3	0.0	1.7	*	0.0	3.0	*	0.0	4.3	*
Hip Replacement/Reconstruction	7	14.3	4.5	*	14.3	8.1	*	14.3	10.2	*
Open Reduction of Hip Fracture	5	20.0	6.7	*	20.0	12.9	*	20.0	17.1	*
Prostatectomy	71	0.0	1.5	2.0	2.8	3.9	2.5	7.0	6.5	3.0
Cholecystectomy	21	0.0	6.3	*	4.8	11.2	*	9.5	14.2	*
Hysterectomy	14	0.0	1.8	*	7.1	4.0	*	7.1	6.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HAMILTON MEMORIAL HOSPITAL

611 S Marshall
McLeansboro, IL 62859

Medicare Provider Number: 140171

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	462	9.1	9.2	1.3	12.3	14.4	2.1	14.9	18.8	2.9
CONDITIONS:										
Acute Myocardial Infarction	14	42.9	28.7	*	50.0	31.8	*	50.0	35.3	*
Congestive Heart Failure	34	11.8	17.0	*	20.6	26.8	*	23.5	34.7	*
Pneumonia/Influenza	22	9.1	16.4	*	13.6	22.1	*	22.7	26.5	*
Chronic Obstructive Pulmonary Disease	26	11.5	6.5	*	11.5	11.5	*	11.5	15.9	*
Transient Cerebral Ischemia	7	0.0	2.1	*	0.0	4.9	*	14.3	8.1	*
Stroke	9	33.3	33.9	*	33.3	40.9	*	33.3	45.6	*
Hip Fracture	4	50.0	10.6	*	50.0	18.9	*	50.0	23.8	*
Sepsis	1	100.0	28.5	*	100.0	35.4	*	100.0	41.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	10.6	*	0.0	19.0	*	0.0	23.9	*
Open Reduction of Hip Fracture	2	100.0	11.8	*	100.0	22.0	*	100.0	28.2	*
Prostatectomy	10	0.0	2.4	*	0.0	6.4	*	0.0	11.2	*
Cholecystectomy	3	0.0	1.7	*	0.0	4.0	*	0.0	6.5	*
Hysterectomy	1	0.0	0.6	*	0.0	1.5	*	0.0	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	104
Occupancy Rate	77
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	40
Medical Residents/Interns	0
Registered Nurses	17
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HAMILTON MEMORIAL HOSPITAL

Medicare Provider Number: 140171

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	408	8.3	9.2	2.3	11.8	14.0	2.5	14.2	18.0	3.0
CONDITIONS:										
Acute Myocardial Infarction	8	25.0	35.9	*	25.0	40.9	*	25.0	45.4	*
Congestive Heart Failure	24	20.8	18.7	*	29.2	27.2	*	33.3	34.4	*
Pneumonia/Influenza	22	9.1	17.9	*	9.1	23.6	*	9.1	28.1	*
Chronic Obstructive Pulmonary Disease	11	0.0	6.8	*	0.0	12.9	*	0.0	18.2	*
Transient Cerebral Ischemia	2	0.0	1.7	*	0.0	3.6	*	0.0	5.6	*
Stroke	11	9.1	23.6	*	36.4	30.0	*	36.4	34.9	*
Hip Fracture	7	14.3	11.5	*	14.3	21.3	*	14.3	27.6	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	20.0	12.1	*	20.0	22.6	*	20.0	29.2	*
Open Reduction of Hip Fracture	3	33.3	8.8	*	33.3	17.0	*	33.3	22.5	*
Prostatectomy	5	20.0	1.0	*	20.0	2.4	*	20.0	4.0	*
Cholecystectomy	3	33.3	3.5	*	33.3	7.6	*	66.7	11.7	*
Hysterectomy	2	0.0	1.4	*	0.0	2.8	*	0.0	4.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	420	7.1	9.3	2.1	9.5	14.4	4.2	11.4	18.5	7.9
CONDITIONS:										
Acute Myocardial Infarction	13	30.8	33.9	*	38.5	37.5	*	38.5	40.9	*
Congestive Heart Failure	27	14.8	17.4	*	22.2	25.8	*	22.2	32.5	*
Pneumonia/Influenza	15	6.7	16.4	*	6.7	21.7	*	20.0	25.9	*
Chronic Obstructive Pulmonary Disease	10	20.0	18.3	*	20.0	30.4	*	20.0	38.3	*
Transient Cerebral Ischemia	5	0.0	1.8	*	0.0	3.7	*	0.0	5.9	*
Stroke	15	26.7	23.3	*	26.7	29.3	*	26.7	34.1	*
Hip Fracture	7	0.0	8.7	*	0.0	15.2	*	0.0	19.2	*
Sepsis	2	0.0	38.7	*	0.0	51.1	*	0.0	59.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	6.0	*	0.0	10.3	*	0.0	13.2	*
Open Reduction of Hip Fracture	0									
Prostatectomy	7	0.0	0.8	*	0.0	1.9	*	0.0	3.3	*
Cholecystectomy	8	12.5	6.9	*	25.0	12.9	*	25.0	16.4	*
Hysterectomy	3	0.0	1.0	*	0.0	2.3	*	0.0	3.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HAMMOND-HENRY HOSPITAL

210 West Elk
Geneseo, IL 61254

Medicare Provider Number: 140041

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	309	12.9	10.6	2.2	19.4	15.5	2.9	22.3	19.6	3.6
CONDITIONS:										
Acute Myocardial Infarction	15	40.0	31.2	*	46.7	35.3	*	46.7	39.6	*
Congestive Heart Failure	19	10.5	13.3	*	26.3	20.8	*	31.6	27.2	*
Pneumonia/Influenza	23	26.1	20.2	*	30.4	27.6	*	34.8	33.2	*
Chronic Obstructive Pulmonary Disease	3	33.3	12.8	*	33.3	20.1	*	33.3	25.8	*
Transient Cerebral Ischemia	1	0.0	1.9	*	0.0	3.9	*	0.0	6.2	*
Stroke	16	25.0	18.5	*	37.5	24.6	*	50.0	29.3	*
Hip Fracture	24	0.0	7.0	*	0.0	13.1	*	0.0	17.3	*
Sepsis	3	66.7	31.7	*	66.7	38.8	*	66.7	45.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	5.6	*	0.0	10.4	*	0.0	13.8	*
Open Reduction of Hip Fracture	18	0.0	6.5	*	0.0	12.9	*	0.0	17.4	*
Prostatectomy	10	0.0	0.6	*	0.0	1.5	*	10.0	2.6	*
Cholecystectomy	9	0.0	1.8	*	0.0	2.9	*	0.0	3.7	*
Hysterectomy	3	0.0	4.2	*	33.3	9.3	*	33.3	14.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	105
Occupancy Rate	66
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	67
Medical Residents/Interns	0
Registered Nurses	59
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HAMMOND-HENRY HOSPITAL

Medicare Provider Number: 140041

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	353	10.2	9.2	1.8	13.9	13.5	2.1	17.6	17.4	2.0
CONDITIONS:										
Acute Myocardial Infarction	22	36.4	31.3	*	50.0	35.4	*	50.0	39.5	*
Congestive Heart Failure	23	17.4	12.7	*	21.7	19.6	*	21.7	25.5	*
Pneumonia/Influenza	6	16.7	18.0	*	33.3	24.6	*	33.3	29.7	*
Chronic Obstructive Pulmonary Disease	7	0.0	5.5	*	0.0	9.3	*	14.3	13.1	*
Transient Cerebral Ischemia	1	0.0	0.9	*	0.0	1.8	*	0.0	2.8	*
Stroke	18	33.3	19.9	*	33.3	25.1	*	38.9	29.4	*
Hip Fracture	20	5.0	5.8	*	10.0	10.7	*	10.0	14.0	*
Sepsis	5	20.0	25.1	*	20.0	30.0	*	20.0	36.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	12.5	4.9	*	12.5	9.6	*	12.5	13.0	*
Open Reduction of Hip Fracture	9	0.0	4.8	*	11.1	9.3	*	11.1	12.5	*
Prostatectomy	10	0.0	1.6	*	0.0	3.8	*	0.0	5.9	*
Cholecystectomy	12	0.0	2.6	*	0.0	4.8	*	0.0	6.1	*
Hysterectomy	1	0.0	0.6	*	0.0	1.4	*	0.0	1.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	374	10.2	8.7	3.5	13.4	12.7	3.6	16.0	16.2	3.9
CONDITIONS:										
Acute Myocardial Infarction	25	28.0	27.0	*	32.0	31.0	*	40.0	35.3	*
Congestive Heart Failure	25	12.0	14.2	*	20.0	22.1	*	32.0	29.0	*
Pneumonia/Influenza	16	31.3	13.1	*	31.3	17.9	*	31.3	22.2	*
Chronic Obstructive Pulmonary Disease	5	0.0	9.4	*	0.0	16.9	*	0.0	22.7	*
Transient Cerebral Ischemia	13	0.0	1.9	*	7.7	4.3	*	7.7	7.0	*
Stroke	15	26.7	19.3	*	33.3	25.5	*	33.3	30.3	*
Hip Fracture	16	6.3	4.3	*	6.3	8.6	*	6.3	11.8	*
Sepsis	2	0.0	24.7	*	0.0	29.5	*	0.0	35.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	2.5	*	0.0	5.0	*	0.0	7.0	*
Prostatectomy	15	0.0	1.0	*	0.0	2.6	*	0.0	4.4	*
Cholecystectomy	7	14.3	1.1	*	14.3	2.3	*	14.3	3.5	*
Hysterectomy	2	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HARDIN COUNTY GENERAL HOSPITAL

Ferrell Road
Rosiclare, IL 62982

Medicare Provider Number: 140005

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	281	7.5	9.0	4.9	13.2	14.6	4.8	15.7	19.1	6.6
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	33.5	*	28.6	37.2	*	28.6	41.5	*
Congestive Heart Failure	30	20.0	18.1	*	26.7	28.7	*	26.7	36.7	*
Pneumonia/Influenza	8	0.0	11.6	*	0.0	15.9	*	0.0	19.6	*
Chronic Obstructive Pulmonary Disease	3	0.0	3.3	*	0.0	7.2	*	0.0	11.0	*
Transient Cerebral Ischemia	3	0.0	2.3	*	0.0	5.5	*	0.0	9.2	*
Stroke	4	25.0	24.0	*	25.0	33.0	*	25.0	38.5	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	1	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	48
Occupancy Rate	52
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	25
Medical Residents/Interns	0
Registered Nurses	11
Licensed Practical Nurses	22

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HARDIN COUNTY GENERAL HOSPITAL

Medicare Provider Number: 140005

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	336	6.2	7.0	1.4	9.8	11.3	2.0	12.2	14.9	2.5
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	20.5	*	16.7	24.2	*	16.7	28.5	*
Congestive Heart Failure	11	9.1	14.6	*	9.1	22.5	*	9.1	29.1	*
Pneumonia/Influenza	15	6.7	16.3	*	20.0	22.4	*	26.7	26.7	*
Chronic Obstructive Pulmonary Disease	14	7.1	4.7	*	14.3	9.4	*	14.3	13.8	*
Transient Cerebral Ischemia	5	0.0	3.0	*	0.0	7.6	*	0.0	12.9	*
Stroke	6	33.3	17.2	*	33.3	24.5	*	33.3	29.0	*
Hip Fracture	2	50.0	10.9	*	50.0	23.0	*	50.0	32.2	*
Sepsis	1	100.0	34.4	*	100.0	41.7	*	100.0	48.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	6	0.0	1.3	*	0.0	2.4	*	0.0	3.2	*
Hysterectomy	1	0.0	0.5	*	0.0	1.2	*	0.0	2.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	312	6.4	7.0	2.1	10.3	11.4	2.4	14.4	15.0	2.6
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	19.9	*	40.0	24.6	*	40.0	29.1	*
Congestive Heart Failure	4	25.0	14.8	*	50.0	21.7	*	75.0	27.9	*
Pneumonia/Influenza	19	5.3	14.8	*	10.5	20.2	*	26.3	24.6	*
Chronic Obstructive Pulmonary Disease	14	7.1	6.7	*	14.3	13.2	*	21.4	19.1	*
Transient Cerebral Ischemia	3	0.0	2.0	*	0.0	4.6	*	0.0	7.4	*
Stroke	11	0.0	20.3	*	9.1	27.7	*	9.1	33.0	*
Hip Fracture	4	50.0	11.2	*	75.0	20.3	*	75.0	26.2	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.5	*	0.0	1.1	*	0.0	1.8	*
Cholecystectomy	5	0.0	1.2	*	0.0	2.0	*	0.0	2.7	*
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HARRISBURG MEDICAL CENTER

17 Country Club Court
Harrisburg, IL 62946

Medicare Provider Number: 140210

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	747	13.7	10.2	2.4	19.8	15.6	2.6	22.8	19.8	2.1
CONDITIONS:										
Acute Myocardial Infarction	23	47.8	24.3	*	47.8	28.2	*	47.8	32.3	*
Congestive Heart Failure	50	24.0	16.4	*	36.0	24.9	*	44.0	31.9	*
Pneumonia/Influenza	52	17.3	18.4	5.5	26.9	25.1	7.0	28.8	30.1	7.4
Chronic Obstructive Pulmonary Disease	21	14.3	8.4	*	19.0	14.7	*	23.8	20.0	*
Transient Cerebral Ischemia	9	0.0	1.7	*	0.0	3.8	*	0.0	6.0	*
Stroke	28	17.9	16.8	*	25.0	24.9	*	28.6	29.7	*
Hip Fracture	15	0.0	5.8	*	6.7	10.6	*	6.7	13.9	*
Sepsis	10	30.0	31.1	*	40.0	39.5	*	40.0	46.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	3.9	*	0.0	7.7	*	0.0	10.4	*
Open Reduction of Hip Fracture	11	0.0	5.6	*	9.1	10.6	*	9.1	14.1	*
Prostatectomy	26	0.0	1.0	*	3.8	2.3	*	3.8	4.1	*
Cholecystectomy	25	4.0	3.0	*	12.0	5.6	*	16.0	7.5	*
Hysterectomy	1	0.0	0.3	*	0.0	0.6	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	77
Occupancy Rate	40
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HARRISBURG MEDICAL CENTER

Medicare Provider Number: 140210

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	774	13.2	10.0	1.8	18.0	15.0	1.8	22.0	18.9	1.9
CONDITIONS:										
Acute Myocardial Infarction	29	48.3	28.0	*	48.3	32.1	*	51.7	36.0	*
Congestive Heart Failure	56	25.0	16.7	10.1	35.7	25.2	10.5	41.1	32.3	10.4
Pneumonia/Influenza	26	30.8	16.5	*	30.8	22.5	*	38.5	27.3	*
Chronic Obstructive Pulmonary Disease	18	0.0	7.4	*	11.1	13.4	*	16.7	18.4	*
Transient Cerebral Ischemia	5	0.0	2.1	*	0.0	4.8	*	20.0	7.6	*
Stroke	23	30.4	23.0	*	34.8	33.0	*	39.1	38.7	*
Hip Fracture	12	8.3	6.1	*	33.3	11.2	*	33.3	14.6	*
Sepsis	14	35.7	31.7	*	35.7	38.9	*	35.7	45.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectcmy	0									
Hip Replacement/Reconstruction	5	0.0	5.6	*	40.0	11.2	*	40.0	15.3	*
Open Reduction of Hip Fracture	6	16.7	5.7	*	33.3	10.5	*	33.3	13.6	*
Prostatectomy	20	5.0	1.0	*	5.0	2.5	*	5.0	4.2	*
Cholecystectomy	23	4.3	1.7	*	4.3	3.1	*	4.3	4.2	*
Hysterectomy	3	0.0	0.9	*	0.0	2.0	*	0.0	3.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	735	8.8	9.0	1.8	12.4	14.0	2.8	16.6	18.0	2.4
CONDITIONS:										
Acute Myocardial Infarction	21	23.8	29.4	*	23.8	32.9	*	38.1	36.5	*
Congestive Heart Failure	38	15.8	19.3	*	23.7	28.8	*	28.9	35.9	*
Pneumonia/Influenza	23	4.3	17.7	*	21.7	23.6	*	21.7	28.4	*
Chronic Obstructive Pulmonary Disease	11	0.0	11.7	*	0.0	19.0	*	0.0	24.8	*
Transient Cerebral Ischemia	11	0.0	1.9	*	0.0	4.0	*	0.0	6.4	*
Stroke	32	15.6	21.6	*	21.9	30.3	*	25.0	35.2	*
Hip Fracture	28	0.0	5.8	*	3.6	10.7	*	10.7	14.1	*
Sepsis	4	50.0	23.3	*	50.0	29.4	*	50.0	35.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	9.1	5.1	*	9.1	9.8	*	18.2	13.1	*
Open Reduction of Hip Fracture	12	0.0	5.9	*	0.0	11.6	*	8.3	15.5	*
Prostatectomy	25	0.0	1.8	*	0.0	4.4	*	4.0	7.5	*
Cholecystectomy	16	6.3	3.0	*	6.3	5.7	*	12.5	7.6	*
Hysterectomy	4	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HARVARD COMMUNITY MEMORIAL HOSPITAL

901 Grant St
Harvard, IL 60033

Medicare Provider Number: 140144

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	184	6.5	8.1	2.7	9.2	12.5	3.7	14.1	16.1	3.5
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	35.4	*	50.0	39.5	*	50.0	44.8	*
Congestive Heart Failure	13	23.1	14.0	*	30.8	21.9	*	38.5	28.5	*
Pneumonia/Influenza	10	10.0	19.2	*	10.0	26.6	*	20.0	31.8	*
Chronic Obstructive Pulmonary Disease	3	0.0	5.5	*	0.0	10.2	*	33.3	14.6	*
Transient Cerebral Ischemia	11	0.0	2.2	*	0.0	5.0	*	9.1	8.0	*
Stroke	7	14.3	18.3	*	28.6	23.7	*	42.9	27.8	*
Hip Fracture	3	0.0	7.3	*	0.0	12.0	*	0.0	14.9	*
Sepsis	3	33.3	32.8	*	33.3	39.7	*	33.3	45.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	4.1	*	33.3	8.9	*	33.3	13.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	0.0	6.3	*	0.0	11.1	*	0.0	13.9	*
Prostatectomy	5	0.0	1.6	*	0.0	4.3	*	0.0	7.7	*
Cholecystectomy	5	0.0	0.7	*	0.0	1.2	*	0.0	1.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	82
Occupancy Rate	39
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	15
Percent of Physicians Board Certified Specialists	73
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HARVARD COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 140144

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	208	13.0	10.2	3.6	19.2	15.2	3.6	23.1	19.1	3.7
CONDITIONS:										
Acute Myocardial Infarction	11	45.5	32.4	*	45.5	36.4	*	45.5	40.9	*
Congestive Heart Failure	12	25.0	13.5	*	41.7	20.4	*	41.7	26.4	*
Pneumonia/Influenza	9	22.2	17.4	*	33.3	23.8	*	33.3	28.8	*
Chronic Obstructive Pulmonary Disease	4	0.0	9.9	*	25.0	15.9	*	25.0	21.1	*
Transient Cerebral Ischemia	6	0.0	2.7	*	0.0	5.8	*	0.0	9.2	*
Stroke	7	14.3	17.5	*	14.3	24.4	*	14.3	29.1	*
Hip Fracture	3	0.0	5.7	*	0.0	10.3	*	0.0	13.5	*
Sepsis	4	0.0	25.3	*	0.0	30.9	*	0.0	36.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	25.0	1.7	*	25.0	3.3	*	25.0	5.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	6.3	*	0.0	11.7	*	0.0	15.4	*
Open Reduction of Hip Fracture	1	0.0	5.1	*	0.0	9.8	*	0.0	12.9	*
Prostatectomy	6	0.0	1.2	*	16.7	2.8	*	16.7	4.5	*
Cholecystectomy	3	0.0	10.1	*	33.3	15.7	*	33.3	17.9	*
Hysterectomy	1	0.0	3.7	*	0.0	7.6	*	0.0	11.1	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	223	13.5	10.7	4.6	20.6	16.3	7.9	24.2	20.7	9.0
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	30.9	*	33.3	35.6	*	33.3	39.1	*
Congestive Heart Failure	17	17.6	16.6	*	35.3	24.8	*	35.3	31.7	*
Pneumonia/Influenza	10	20.0	18.5	*	20.0	23.9	*	30.0	28.0	*
Chronic Obstructive Pulmonary Disease	4	25.0	12.7	*	50.0	22.3	*	75.0	29.5	*
Transient Cerebral Ischemia	9	0.0	1.6	*	0.0	3.3	*	11.1	5.2	*
Stroke	11	27.3	23.5	*	54.5	30.9	*	54.5	36.0	*
Hip Fracture	5	0.0	6.6	*	20.0	12.4	*	20.0	16.4	*
Sepsis	2	50.0	28.2	*	50.0	35.7	*	50.0	41.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.2	*	0.0	2.6	*	0.0	4.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	0.0	4.7	*	0.0	9.6	*	0.0	13.1	*
Prostatectomy	9	11.1	0.8	*	11.1	2.1	*	11.1	3.5	*
Cholecystectomy	1	0.0	0.5	*	0.0	0.8	*	0.0	1.1	*
Hysterectomy	0									

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HERRIN HOSPITAL

201 S 14th St
Herrin, IL 62948

Medicare Provider Number: 140011

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,052	11.5	10.3	1.8	16.4	15.6	1.4	19.9	19.8	1.4
CONDITIONS:										
Acute Myocardial Infarction	42	23.8	29.0	*	28.6	33.1	*	33.3	37.0	*
Congestive Heart Failure	89	13.5	14.5	4.5	24.7	22.6	4.8	30.3	29.4	4.9
Pneumonia/Influenza	69	15.9	15.9	4.4	20.3	22.1	5.2	24.6	26.9	7.1
Chronic Obstructive Pulmonary Disease	21	14.3	7.9	*	14.3	14.1	*	19.0	19.8	*
Transient Cerebral Ischemia	25	4.0	2.3	*	4.0	5.5	*	4.0	8.9	*
Stroke	48	35.4	20.7	*	45.8	28.4	*	45.8	33.4	*
Hip Fracture	19	0.0	7.7	*	5.3	14.2	*	10.5	18.8	*
Sepsis	8	75.0	39.3	*	75.0	46.8	*	87.5	53.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	7.2	*	0.0	15.2	*	0.0	22.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	17	5.9	3.1	*	5.9	6.1	*	5.9	8.6	*
Open Reduction of Hip Fracture	8	0.0	8.5	*	12.5	15.6	*	25.0	20.3	*
Prostatectomy	5	0.0	0.8	*	0.0	1.8	*	0.0	3.2	*
Cholecystectomy	16	6.3	3.5	*	6.3	6.8	*	6.3	9.6	*
Hysterectomy	8	0.0	0.8	*	0.0	1.8	*	0.0	2.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	111
Occupancy Rate	64
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	27
Percent of Physicians Board Certified Specialists	63
Medical Residents/Interns	0
Registered Nurses	68
Licensed Practical Nurses	46

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HERRIN HOSPITAL

Medicare Provider Number: 140011

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1,132	11.1	11.0	1.0	17.0	16.4	1.2	20.7	20.5	1.7
CONDITIONS:										
Acute Myocardial Infarction	40	27.5	30.2	*	35.0	34.6	*	37.5	38.4	*
Congestive Heart Failure	84	14.3	17.3	4.4	32.1	26.4	5.8	39.3	33.5	6.1
Pneumonia/Influenza	78	32.1	23.4	8.7	42.3	31.1	9.5	46.2	36.6	9.3
Chronic Obstructive Pulmonary Disease	13	7.7	6.8	*	7.7	12.0	*	15.4	16.7	*
Transient Cerebral Ischemia	22	0.0	1.9	*	0.0	4.2	*	9.1	6.5	*
Stroke	44	22.7	26.8	*	38.6	33.5	*	40.9	38.5	*
Hip Fracture	30	13.3	6.7	*	16.7	12.2	*	16.7	15.8	*
Sepsis	13	30.8	44.2	*	30.8	51.7	*	30.8	58.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	23	17.4	4.2	*	17.4	7.8	*	17.4	10.1	*
Open Reduction of Hip Fracture	13	7.7	6.3	*	15.4	12.5	*	15.4	16.9	*
Prostatectomy	16	0.0	1.2	*	0.0	2.9	*	6.3	4.8	*
Cholecystectomy	13	7.7	2.3	*	15.4	4.9	*	15.4	7.4	*
Hysterectomy	8	0.0	0.5	*	0.0	1.1	*	0.0	1.8	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1,135	11.4	11.2	3.0	16.7	16.9	5.7	21.0	21.2	5.9
CONDITIONS:										
Acute Myocardial Infarction	49	53.1	33.7	*	57.1	37.3	*	59.2	40.9	*
Congestive Heart Failure	78	15.4	18.0	5.2	26.9	27.6	6.0	32.1	35.4	7.9
Pneumonia/Influenza	53	11.3	19.6	8.7	18.9	26.5	9.4	24.5	31.7	10.1
Chronic Obstructive Pulmonary Disease	23	8.7	9.8	*	13.0	18.3	*	30.4	25.0	*
Transient Cerebral Ischemia	34	5.9	2.3	*	5.9	5.1	*	14.7	8.1	*
Stroke	33	21.2	20.0	*	33.3	26.3	*	39.4	31.1	*
Hip Fracture	37	8.1	7.1	*	8.1	12.5	*	13.5	16.1	*
Sepsis	7	28.6	39.0	*	42.9	45.6	*	42.9	52.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.3	*	0.0	4.2	*	0.0	6.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	4.2	*	0.0	7.9	*	0.0	10.4	*
Open Reduction of Hip Fracture	28	7.1	5.7	*	7.1	10.8	*	14.3	14.2	*
Prostatectomy	22	0.0	1.7	*	4.5	4.0	*	9.1	6.5	*
Cholecystectomy	17	5.9	4.0	*	5.9	7.6	*	5.9	10.4	*
Hysterectomy	8	0.0	0.8	*	0.0	1.3	*	0.0	1.9	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HIGHLAND HOSPITAL INC

1625 So State
Belvidere, IL 61008

Medicare Provider Number: 140205

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	178	9.0	7.7	2.3	14.0	11.8	3.0	17.4	15.0	3.3
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	34.9	*	25.0	38.0	*	25.0	41.6	*
Congestive Heart Failure	3	0.0	11.2	*	0.0	17.3	*	0.0	22.8	*
Pneumonia/Influenza	9	22.2	18.7	*	33.3	25.6	*	55.6	30.7	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.6	*	0.0	4.7	*	0.0	6.6	*
Transient Cerebral Ischemia	6	0.0	1.7	*	0.0	3.9	*	0.0	6.4	*
Stroke	5	40.0	14.3	*	60.0	20.7	*	60.0	24.6	*
Hip Fracture	3	0.0	5.1	*	0.0	9.2	*	33.3	12.2	*
Sepsis	1	0.0	17.7	*	0.0	23.8	*	0.0	30.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	0.0	4.5	*	0.0	8.4	*	33.3	11.3	*
Prostatectomy	5	0.0	1.2	*	20.0	2.8	*	40.0	4.6	*
Cholecystectomy	0									
Hysterectomy	1	0.0	0.7	*	0.0	1.2	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	70
Ownership/Control	Private, Non-Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	21
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

HIGHLAND HOSPITAL INC

Medicare Provider Number: 140205

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	200	13.5	10.8	3.2	17.0	15.7	3.1	21.5	19.6	3.9
CONDITIONS:										
Acute Myocardial Infarction	6	50.0	42.7	*	66.7	48.6	*	83.3	54.2	*
Congestive Heart Failure	11	54.5	16.4	*	63.6	24.2	*	63.6	30.9	*
Pneumonia/Influenza	12	33.3	21.8	*	33.3	29.7	*	33.3	35.4	*
Chronic Obstructive Pulmonary Disease	2	50.0	12.1	*	50.0	18.7	*	50.0	24.5	*
Transient Cerebral Ischemia	2	0.0	1.0	*	0.0	2.2	*	0.0	3.3	*
Stroke	9	44.4	25.1	*	55.6	31.8	*	55.6	36.5	*
Hip Fracture	7	0.0	7.1	*	0.0	13.4	*	14.3	17.6	*
Sepsis	1	0.0	18.9	*	0.0	22.7	*	0.0	27.5	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	2.7	*	0.0	5.1	*	0.0	6.8	*
Open Reduction of Hip Fracture	3	0.0	5.2	*	0.0	10.3	*	33.3	14.1	*
Prostatectomy	9	0.0	1.3	*	0.0	3.2	*	0.0	5.2	*
Cholecystectomy	4	0.0	2.2	*	0.0	4.1	*	0.0	5.4	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	184	15.2	10.5	4.0	21.7	15.6	4.8	25.5	19.6	4.9
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	34.2	*	16.7	39.0	*	33.3	42.9	*
Congestive Heart Failure	7	28.6	25.5	*	42.9	36.5	*	57.1	44.3	*
Pneumonia/Influenza	8	25.0	13.4	*	37.5	18.3	*	50.0	22.2	*
Chronic Obstructive Pulmonary Disease	4	25.0	3.3	*	25.0	6.5	*	25.0	9.9	*
Transient Cerebral Ischemia	2	0.0	2.2	*	0.0	4.7	*	0.0	7.3	*
Stroke	9	33.3	17.3	*	44.4	23.1	*	44.4	27.5	*
Hip Fracture	8	12.5	7.5	*	25.0	13.8	*	37.5	18.5	*
Sepsis	5	40.0	27.1	*	40.0	34.8	*	60.0	41.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	14.3	6.6	*	28.6	12.9	*	42.9	17.6	*
Open Reduction of Hip Fracture	1	0.0	8.8	*	0.0	15.3	*	0.0	19.0	*
Prostatectomy	10	0.0	0.7	*	0.0	1.6	*	0.0	2.6	*
Cholecystectomy	4	0.0	1.5	*	0.0	2.5	*	0.0	3.3	*
Hysterectomy	0									

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HIGHLAND PARK HOSPITAL

718 Glenview Ave
Highland Park, IL 60035

Medicare Provider Number: 140108

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,586	7.9	8.8	1.1	12.9	13.6	1.6	16.0	17.4	1.6
CONDITIONS:										
Acute Myocardial Infarction	54	25.9	32.1	10.8	29.6	35.7	10.9	33.3	39.3	11.8
Congestive Heart Failure	84	14.3	17.7	5.8	21.4	27.0	8.8	28.6	34.3	8.3
Pneumonia/Influenza	64	10.9	15.9	7.2	17.2	21.7	9.1	20.3	26.3	10.0
Chronic Obstructive Pulmonary Disease	5	0.0	6.3	*	0.0	10.7	*	0.0	14.8	*
Transient Cerebral Ischemia	31	6.5	2.2	*	6.5	4.9	*	9.7	8.0	*
Stroke	59	16.9	17.8	5.2	27.1	24.6	6.0	28.8	28.8	6.3
Hip Fracture	42	2.4	7.2	*	11.9	12.8	*	16.7	16.5	*
Sepsis	18	27.8	23.7	*	38.9	32.8	*	38.9	40.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	2.4	*	0.0	4.6	*	0.0	6.7	*
Carotid Endarterectomy	1	0.0	0.7	*	0.0	1.2	*	0.0	1.7	*
Hip Replacement/Reconstruction	40	0.0	2.3	*	0.0	4.3	*	0.0	5.7	*
Open Reduction of Hip Fracture	12	0.0	5.9	*	16.7	10.7	*	16.7	13.9	*
Prostatectomy	66	0.0	0.7	1.2	0.0	1.7	2.2	1.5	3.0	2.5
Cholecystectomy	23	4.3	3.4	*	8.7	5.9	*	13.0	7.6	*
Hysterectomy	19	0.0	0.8	*	0.0	1.6	*	0.0	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	288
Occupancy Rate	59
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	202
Percent of Physicians Board Certified Specialists	93
Medical Residents/Interns	0
Registered Nurses	264
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

HIGHLAND PARK HOSPITAL

Medicare Provider Number: 140108

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,637	9.5	9.6	0.9	13.5	14.2	1.1	17.4	17.8	1.0
CONDITIONS:										
Acute Myocardial Infarction	66	36.4	33.8	6.9	39.4	37.7	6.2	39.4	41.8	6.4
Congestive Heart Failure	61	18.0	16.9	5.2	24.6	25.2	5.7	29.5	32.0	6.8
Pneumonia/Influenza	68	16.2	18.5	5.3	25.0	25.5	5.3	33.8	30.7	7.7
Chronic Obstructive Pulmonary Disease	2	0.0	9.7	*	0.0	17.7	*	0.0	24.2	*
Transient Cerebral Ischemia	24	8.3	2.3	*	16.7	5.1	*	16.7	7.9	*
Stroke	73	17.8	22.8	7.9	21.9	29.8	9.8	26.0	34.4	11.6
Hip Fracture	60	6.7	7.0	4.4	11.7	12.7	4.5	16.7	16.3	5.1
Sepsis	25	28.0	26.6	*	32.0	34.8	*	36.0	40.9	*
PROCEDURES:										
Angioplasty	2	50.0	13.8	*	50.0	15.2	*	50.0	16.8	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	2.0	*	10.0	4.3	*	10.0	6.4	*
Carotid Endarterectomy	3	0.0	2.2	*	0.0	4.3	*	0.0	6.3	*
Hip Replacement/Reconstruction	33	6.1	3.4	*	6.1	6.4	*	12.1	8.3	*
Open Reduction of Hip Fracture	24	4.2	6.7	*	16.7	12.8	*	16.7	16.7	*
Prostatectomy	74	0.0	0.7	1.1	0.0	1.6	2.1	2.7	2.7	1.9
Cholecystectomy	22	0.0	1.5	*	0.0	2.6	*	0.0	3.4	*
Hysterectomy	15	0.0	0.8	*	0.0	1.5	*	0.0	2.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,587	9.2	9.9	1.3	13.6	14.8	2.2	16.8	18.7	2.6
CONDITIONS:										
Acute Myocardial Infarction	64	17.2	33.8	8.2	18.8	37.7	8.6	18.8	41.5	10.9
Congestive Heart Failure	59	11.9	15.8	9.1	18.6	23.4	9.8	27.1	29.9	7.4
Pneumonia/Influenza	74	28.4	19.5	8.1	35.1	25.8	9.4	40.5	30.7	9.1
Chronic Obstructive Pulmonary Disease	15	13.3	8.8	*	26.7	15.2	*	33.3	20.7	*
Transient Cerebral Ischemia	30	0.0	2.3	*	0.0	5.0	*	6.7	7.9	*
Stroke	57	19.3	21.3	6.0	26.3	28.8	7.7	29.8	33.3	8.1
Hip Fracture	44	0.0	6.6	*	2.3	11.8	*	4.5	15.5	*
Sepsis	12	25.0	26.7	*	50.0	37.8	*	50.0	45.4	*
PROCEDURES:										
Angioplasty	5	20.0	11.6	*	20.0	12.7	*	20.0	14.2	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	11.1	3.6	*	11.1	8.3	*	11.1	13.4	*
Carotid Endarterectomy	4	0.0	1.4	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction	27	0.0	3.9	*	3.7	7.9	*	3.7	10.8	*
Open Reduction of Hip Fracture	16	0.0	6.0	*	0.0	11.5	*	6.3	15.3	*
Prostatectomy	76	1.3	0.9	1.1	1.3	2.2	1.8	1.3	3.5	2.8
Cholecystectomy	16	0.0	3.7	*	0.0	6.5	*	0.0	8.2	*
Hysterectomy	17	11.8	1.4	*	11.8	3.2	*	11.8	5.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HIGHLAND PARK HOSPITAL
718 Glenview Avenue
Highland Park, Illinois 60035-2497
(708) 432-8000

January 15, 1991

Gail R. Wilensky, Ph.D.
Administrator
Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Dr. Wilensky:

Thank you for the opportunity to comment on mortality statistics developed by the Health Care Financing Administration (HCFA) for Highland Park Hospital (Healthcare Provider #140108). We have reviewed the information and have the following comments.

The data provided in Enclosure D from HCFA outlines the patients discharged during 1989 from Highland Park Hospital and includes the name, medical record number, principal diagnosis and condition and if appropriate, date of death of each Medicare patient included in the sample. Enclosure C provides by category the number of cases and the observed and predicted mortality rates for patients discharged from Highland Park Hospital during 1989 for patients 30, 90 and 180 days post discharge. Based on the patient specific data in Enclosure D, the observed 30-day mortality rates for Highland Park Hospital for several categories are lower than stated in Enclosure C. Attachment I provides the revised 30-day mortality rates for Highland Park Hospital.

The data (both revised and reported rates) for Highland Park Hospital indicates that the actual mortality rates for 7 of the 8 diagnostic categories are within the predicted range of mortality for the 30-day period.

Our review of all the data has provided supplemental information which the public should find useful in interpreting the HCFA data for Highland Park Hospital.

1. Forty percent of all Medicare patients discharged from Highland Park Hospital during 1989 are not in the HCFA data.
2. The hospital characteristics section has several errors. The number of licensed beds at Highland Park Hospital are 316. There are approximately 400 physicians on staff.

3. A majority (71%) of the discharges included in the 30-day post discharge were 75 and older.

4. Forty percent, or 46 of the 106 deaths occurred 30 days after discharge from Highland Park Hospital. One-half of these patients were transferred to Highland Park Hospital's skilled nursing unit or another nursing home in the area. Three patients were transferred to another acute care hospital. Two of the hospitals were in the area, and one was out of state.

There are several significant services which Highland Park Hospital provides which affect statistical mortality rates. Highland Park Hospital provides acute patient care in such areas as trauma and emergency services, cardiac care, intensive care, oncology in addition to full medical/surgical specialty care.

- Highland Park Hospital operates an oncology unit and program dedicated to the treatment of cancer, including a hospice program for the terminally ill. Of the 106 deceased patients in the 30-day HCFA statistics, 22% had a primary diagnosis of cancer upon admission to the hospital. Highland Park Hospital's oncology service is so well known in our communities that we tend to serve more acutely ill patients.

- Sixty-seven percent of those who passed away were so acutely ill upon admission that they were admitted to the hospital through the emergency room. This factor is not evident in the data prepared by HCFA. Further, 40% of the patients were so acutely ill upon admission that they were placed in intensive or cardiac care units. Finally, over 68% of the deceased patients had a "Do not Resuscitate" order or had prepared a living will in accordance with the wishes of the patient's family. This is another indication of the severity of illness Highland Park Hospital treats.

Highland Park Hospital and our medical staff have a well-established and ongoing quality assurance program which focuses on monitoring and improving care. Highland Park Hospital agrees with the goal of informing the public about quality of care, but would request that a more accurate methodology be used so as not to confuse the public about this extremely important issue.

HILLSBORO AREA HOSPITAL

1200 Tremont St
Hillsboro, IL 62049

Medicare Provider Number: 140193

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	487	11.7	10.4	1.7	15.4	15.6	1.8	18.7	19.6	2.4
CONDITIONS:										
Acute Myocardial Infarction	10	60.0	35.3	*	60.0	38.9	*	60.0	42.5	*
Congestive Heart Failure	33	15.2	13.2	*	27.3	20.6	*	30.3	27.0	*
Pneumonia/Influenza	52	11.5	15.4	6.8	17.3	20.9	6.9	21.2	25.5	7.0
Chronic Obstructive Pulmonary Disease	14	0.0	4.1	*	0.0	9.4	*	0.0	14.6	*
Transient Cerebral Ischemia	13	7.7	1.8	*	7.7	4.2	*	7.7	6.9	*
Stroke	19	21.1	23.7	*	26.3	30.4	*	31.6	35.2	*
Hip Fracture	13	30.8	4.8	*	30.8	9.0	*	38.5	12.0	*
Sepsis	11	18.2	31.6	*	27.3	38.8	*	36.4	44.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	6	33.3	4.7	*	33.3	9.1	*	33.3	12.3	*
Prostatectomy	0									
Cholecystectomy	10	10.0	1.4	*	10.0	2.4	*	10.0	3.1	*
Hysterectomy	2	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	100
Occupancy Rate	55
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	89
Medical Residents/Interns	0
Registered Nurses	41
Licensed Practical Nurses	10

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HILLSBORO AREA HOSPITAL

Medicare Provider Number: 140193

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	610	11.0	11.1	1.3	16.4	16.4	1.6	19.7	20.4	1.8
CONDITIONS:										
Acute Myocardial Infarction	17	23.5	30.1	*	29.4	33.2	*	41.2	36.7	*
Congestive Heart Failure	38	28.9	17.0	*	34.2	26.1	*	36.8	33.1	*
Pneumonia/Influenza	72	20.8	18.1	5.3	30.6	24.6	8.1	33.3	29.5	7.3
Chronic Obstructive Pulmonary Disease	11	0.0	4.5	*	9.1	8.3	*	9.1	11.4	*
Transient Cerebral Ischemia	9	0.0	2.2	*	0.0	4.8	*	0.0	7.7	*
Stroke	37	8.1	21.2	*	18.9	27.4	*	21.6	32.0	*
Hip Fracture	17	11.8	8.3	*	29.4	15.2	*	29.4	19.8	*
Sepsis	8	12.5	42.3	*	12.5	48.2	*	12.5	54.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	6.8	*	0.0	10.7	*	0.0	12.8	*
Open Reduction of Hip Fracture	11	18.2	7.2	*	27.3	13.7	*	27.3	17.9	*
Prostatectomy	0									
Cholecystectomy	6	16.7	7.0	*	33.3	14.8	*	33.3	20.9	*
Hysterectomy	2	0.0	0.8	*	0.0	1.8	*	0.0	3.0	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	545	9.7	9.3	1.7	15.6	13.8	1.8	18.5	17.5	1.8
CONDITIONS:										
Acute Myocardial Infarction	16	43.8	27.6	*	50.0	30.6	*	50.0	34.0	*
Congestive Heart Failure	30	16.7	15.8	*	20.0	23.9	*	26.7	30.8	*
Pneumonia/Influenza	54	24.1	18.9	8.2	31.5	25.6	10.0	35.2	31.0	7.6
Chronic Obstructive Pulmonary Disease	11	0.0	5.1	*	0.0	9.1	*	0.0	12.3	*
Transient Cerebral Ischemia	12	0.0	2.6	*	0.0	5.9	*	0.0	9.6	*
Stroke	22	13.6	21.3	*	18.2	27.8	*	18.2	32.6	*
Hip Fracture	15	13.3	7.3	*	20.0	13.5	*	20.0	17.5	*
Sepsis	7	28.6	35.6	*	42.9	41.6	*	42.9	48.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	3.5	*	0.0	6.4	*	0.0	8.5	*
Open Reduction of Hip Fracture	10	10.0	7.1	*	20.0	13.5	*	20.0	17.9	*
Prostatectomy	0									
Cholecystectomy	5	0.0	2.2	*	0.0	4.2	*	0.0	5.7	*
Hysterectomy	3	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HINSDALE HOSPITAL

120 North Oak St
Hinsdale, IL 60521

Medicare Provider Number: 140122

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	2,258	8.1	8.8	1.0	12.9	13.6	0.8	16.5	17.5	1.0
CONDITIONS:										
Acute Myocardial Infarction	66	15.2	24.6	7.9	18.2	27.5	8.3	21.2	30.8	8.4
Congestive Heart Failure	125	20.0	16.5	4.4	27.2	25.4	4.1	33.6	32.5	4.3
Pneumonia/Influenza	89	16.9	19.0	5.5	25.8	25.6	5.7	30.3	30.7	5.9
Chronic Obstructive Pulmonary Disease	11	0.0	8.2	*	18.2	13.1	*	18.2	17.7	*
Transient Cerebral Ischemia	35	0.0	1.8	*	0.0	4.0	*	2.9	6.5	*
Stroke	80	21.2	22.1	7.0	23.7	28.9	7.5	31.3	33.4	6.3
Hip Fracture	63	6.3	7.5	3.5	12.7	13.1	5.2	12.7	16.9	6.0
Sepsis	24	25.0	24.7	*	29.2	33.7	*	41.7	40.0	*
PROCEDURES:										
Angioplasty	5	0.0	3.6	*	0.0	4.3	*	0.0	5.3	*
Coronary Artery Bypass Graft	29	3.4	6.4	*	3.4	8.5	*	6.9	10.0	*
Initial Pacemaker Insertion	15	6.7	3.3	*	13.3	7.3	*	13.3	11.1	*
Carotid Endarterectomy	4	0.0	1.4	*	0.0	2.5	*	50.0	3.6	*
Hip Replacement/Reconstruction	64	4.7	2.2	3.6	6.3	4.0	4.2	6.3	5.4	4.4
Open Reduction of Hip Fracture	32	6.3	7.7	*	15.6	14.3	*	15.6	18.7	*
Prostatectomy	47	0.0	1.2	*	4.3	3.0	*	4.3	5.0	*
Cholecystectomy	37	0.0	3.1	*	2.7	5.6	*	2.7	7.4	*
Hysterectomy	20	0.0	0.7	*	0.0	1.5	*	0.0	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	435
Occupancy Rate	65
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	405
Percent of Physicians Board Certified Specialists	74
Medical Residents/Interns	19
Registered Nurses	614
Licensed Practical Nurses	23

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HINSDALE HOSPITAL

Medicare Provider Number: 140122

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	2,374	8.9	9.5	0.7	13.7	14.7	0.9	17.8	18.7	0.9
CONDITIONS:										
Acute Myocardial Infarction	64	29.7	32.8	9.2	35.9	36.6	8.4	42.2	40.2	7.5
Congestive Heart Failure	111	15.3	16.9	3.7	25.2	25.5	4.7	31.5	32.6	4.5
Pneumonia/Influenza	107	23.4	20.8	4.1	26.2	27.9	4.4	29.9	33.2	4.7
Chronic Obstructive Pulmonary Disease	17	0.0	9.1	*	0.0	16.4	*	5.9	22.3	*
Transient Cerebral Ischemia	46	4.3	1.9	*	4.3	4.1	*	8.7	6.4	*
Stroke	88	17.0	22.8	7.6	22.7	29.1	9.6	25.0	33.5	11.0
Hip Fracture	67	9.0	7.4	3.4	10.4	13.3	4.5	13.4	17.0	5.4
Sepsis	11	27.3	28.6	*	27.3	38.8	*	36.4	45.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	3.8	*	0.0	6.3	*	11.1	8.7	*
Carotid Endarterectomy	10	0.0	1.5	*	0.0	2.7	*	10.0	3.9	*
Hip Replacement/Reconstruction	54	0.0	3.4	3.8	0.0	6.4	6.2	1.9	8.5	6.0
Open Reduction of Hip Fracture	28	3.6	8.2	*	7.1	15.4	*	10.7	19.8	*
Prostatectomy	70	0.0	1.3	1.8	1.4	3.3	3.1	2.9	5.3	4.2
Cholecystectomy	48	2.1	3.4	*	2.1	6.0	*	4.2	7.6	*
Hysterectomy	20	0.0	1.4	*	0.0	2.5	*	0.0	3.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	2,398	8.6	9.6	3.0	14.3	14.8	4.5	17.6	18.8	4.1
CONDITIONS:										
Acute Myocardial Infarction	60	25.0	32.2	6.9	33.3	35.5	6.2	35.0	38.8	6.8
Congestive Heart Failure	123	14.6	18.3	3.9	30.9	27.4	4.4	40.7	34.8	5.2
Pneumonia/Influenza	93	18.3	20.2	6.3	25.8	27.1	4.8	29.0	32.3	5.8
Chronic Obstructive Pulmonary Disease	20	10.0	12.8	*	15.0	19.6	*	15.0	24.8	*
Transient Cerebral Ischemia	46	0.0	1.8	*	0.0	3.8	*	0.0	5.9	*
Stroke	92	22.8	21.0	6.0	29.3	28.2	5.7	30.4	32.9	5.3
Hip Fracture	70	10.0	9.0	3.5	14.3	16.2	5.7	18.6	20.9	6.9
Sepsis	26	7.7	26.5	*	23.1	37.2	*	30.8	44.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	20	5.0	4.9	*	15.0	8.9	*	20.0	12.3	*
Carotid Endarterectomy	17	0.0	1.4	*	0.0	2.5	*	0.0	3.6	*
Hip Replacement/Reconstruction	64	3.1	3.3	2.2	4.7	6.2	4.2	6.3	8.1	5.0
Open Reduction of Hip Fracture	31	9.7	8.2	*	9.7	15.2	*	16.1	19.8	*
Prostatectomy	53	0.0	1.2	1.7	0.0	2.8	3.1	1.9	4.8	3.8
Cholecystectomy	45	0.0	2.8	*	2.2	4.9	*	2.2	6.2	*
Hysterectomy	23	0.0	0.4	*	0.0	0.9	*	0.0	1.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOLY CROSS HOSPITAL

2701 W 68th Street
Chicago, IL 60629

Medicare Provider Number: 140133

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,077	11.2	9.9	1.1	16.9	15.0	1.4	20.6	19.1	1.1
CONDITIONS:										
Acute Myocardial Infarction	118	22.0	26.6	4.9	27.1	30.4	4.9	32.2	34.0	4.6
Congestive Heart Failure	208	13.0	14.2	3.0	24.0	22.1	3.1	30.8	28.8	3.4
Pneumonia/Influenza	91	23.1	17.5	5.7	34.1	23.5	7.2	40.7	28.2	7.5
Chronic Obstructive Pulmonary Disease	19	10.5	12.5	*	10.5	19.4	*	15.8	25.0	*
Transient Cerebral Ischemia	69	1.4	1.9	1.7	4.3	4.1	2.6	5.8	6.5	3.1
Stroke	171	26.3	20.2	6.3	32.2	26.9	6.6	36.3	31.2	6.7
Hip Fracture	77	13.0	8.4	5.8	20.8	14.5	7.1	24.7	18.3	8.7
Sepsis	32	18.8	22.1	*	18.8	28.7	*	25.0	33.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	24	4.2	3.8	*	8.3	7.8	*	8.3	11.5	*
Carotid Endarterectomy	6	0.0	1.4	*	0.0	2.5	*	0.0	3.6	*
Hip Replacement/Reconstruction	46	15.2	5.5	*	21.7	10.0	*	23.9	12.9	*
Open Reduction of Hip Fracture	40	12.5	7.8	*	20.0	14.0	*	25.0	17.8	*
Prostatectomy	151	1.3	1.4	1.1	2.0	3.4	2.4	3.3	5.5	3.5
Cholecystectomy	74	5.4	3.8	2.8	10.8	6.8	4.7	13.5	8.9	6.6
Hysterectomy	21	0.0	2.5	*	0.0	4.4	*	4.8	6.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	337
Occupancy Rate	77
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	146
Percent of Physicians Board Certified Specialists	66
Medical Residents/Interns	0
Registered Nurses	224
Licensed Practical Nurses	105

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HOLY CROSS HOSPITAL

Medicare Provider Number: 140133

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,545	12.0	10.5	0.7	18.0	15.6	1.1	21.1	19.5	0.9
CONDITIONS:										
Acute Myocardial Infarction	126	32.5	28.9	6.9	38.1	32.1	7.8	39.7	35.7	8.6
Congestive Heart Failure	235	18.3	14.6	3.8	28.1	22.3	5.5	34.0	28.9	5.6
Pneumonia/Influenza	131	22.1	20.0	5.5	26.0	26.5	5.9	32.1	31.4	5.2
Chronic Obstructive Pulmonary Disease	7	0.0	9.7	*	0.0	15.4	*	14.3	19.9	*
Transient Cerebral Ischemia	97	1.0	2.1	2.6	5.2	4.5	3.5	9.3	7.1	3.9
Stroke	194	28.4	20.8	4.0	36.6	27.7	4.5	38.7	32.3	4.0
Hip Fracture	96	6.3	6.5	2.6	12.5	11.3	4.1	18.8	14.3	6.9
Sepsis	31	22.6	23.5	*	32.3	30.9	*	48.4	37.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	23	0.0	3.0	*	4.3	5.6	*	8.7	8.1	*
Carotid Endarterectomy	12	0.0	1.7	*	0.0	3.5	*	0.0	5.2	*
Hip Replacement/Reconstruction	46	2.2	4.8	*	6.5	8.9	*	10.9	11.8	*
Open Reduction of Hip Fracture	50	2.0	5.8	*	6.0	10.6	*	16.0	13.7	*
Prostatectomy	121	4.1	1.7	2.1	5.8	3.9	2.8	6.6	6.3	4.1
Cholecystectomy	63	3.2	2.8	2.7	4.8	5.2	2.9	6.3	6.8	3.2
Hysterectomy	33	0.0	1.1	*	0.0	2.3	*	0.0	3.4	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,403	11.1	10.1	2.6	17.0	14.9	3.5	20.7	18.8	3.1
CONDITIONS:										
Acute Myocardial Infarction	134	29.9	30.6	4.0	38.1	34.0	4.8	39.6	37.7	4.5
Congestive Heart Failure	219	17.8	15.7	5.1	26.0	23.7	5.2	32.4	30.4	4.1
Pneumonia/Influenza	89	19.1	16.5	4.8	23.6	22.1	5.2	30.3	26.7	6.8
Chronic Obstructive Pulmonary Disease	48	14.6	15.0	*	22.9	22.3	*	25.0	27.6	*
Transient Cerebral Ischemia	86	3.5	1.9	1.7	7.0	4.0	3.4	11.6	6.4	4.7
Stroke	177	27.7	21.6	4.6	36.7	28.2	5.8	39.0	32.6	5.6
Hip Fracture	86	5.8	6.4	2.7	10.5	11.2	3.5	14.0	14.5	3.9
Sepsis	39	28.2	26.8	*	46.2	34.1	*	56.4	39.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	33	3.0	5.4	*	6.1	10.6	*	9.1	15.0	*
Carotid Endarterectomy	17	5.9	1.4	*	11.8	2.6	*	17.6	3.7	*
Hip Replacement/Reconstruction	46	6.5	4.3	*	6.5	7.5	*	8.7	9.7	*
Open Reduction of Hip Fracture	44	2.3	5.4	*	11.4	10.0	*	13.6	13.0	*
Prostatectomy	169	0.0	1.5	1.6	2.4	3.6	2.1	4.1	5.9	3.3
Cholecystectomy	83	0.0	3.4	3.1	3.6	6.0	3.2	6.0	7.8	3.2
Hysterectomy	29	0.0	1.2	*	0.0	2.0	*	3.4	2.6	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOLY FAMILY HOSPITAL

100 N River Rd
Des Plaines, IL 60016

Medicare Provider Number: 140105

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,820	9.3	9.4	1.2	14.9	13.9	1.3	18.4	17.4	1.6
CONDITIONS:										
Acute Myocardial Infarction	63	15.9	27.7	9.0	19.0	31.5	9.0	25.4	35.1	8.8
Congestive Heart Failure	94	19.1	16.1	4.9	29.8	24.4	7.5	39.4	31.2	9.7
Pneumonia/Influenza	77	19.5	16.4	5.1	22.1	22.3	4.8	26.0	26.8	5.2
Chronic Obstructive Pulmonary Disease	15	0.0	13.7	*	26.7	21.3	*	40.0	27.6	*
Transient Cerebral Ischemia	35	0.0	1.6	*	2.9	3.4	*	2.9	5.4	*
Stroke	100	15.0	19.5	5.9	26.0	26.0	4.8	29.0	30.4	4.7
Hip Fracture	49	4.1	7.1	*	8.2	12.6	*	16.3	16.3	*
Sepsis	29	17.2	33.4	*	31.0	42.8	*	31.0	49.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	20	0.0	2.5	*	0.0	5.2	*	5.0	8.0	*
Carotid Endarterectomy	4	0.0	1.4	*	25.0	2.6	*	25.0	3.9	*
Hip Replacement/Reconstruction	18	0.0	4.2	*	5.6	7.3	*	11.1	9.5	*
Open Reduction of Hip Fracture	25	0.0	6.5	*	4.0	12.3	*	12.0	16.3	*
Prostatectomy	81	1.2	1.2	1.5	1.2	2.9	2.5	3.7	4.8	3.0
Cholecystectomy	34	2.9	3.3	*	8.8	5.9	*	8.8	7.9	*
Hysterectomy	22	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	246
Occupancy Rate	53
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	252
Percent of Physicians Board Certified Specialists	83
Medical Residents/Interns	0
Registered Nurses	284
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

** Not used in calculating hospital mortality rates.

HOLY FAMILY HOSPITAL

Medicare Provider Number: 140105

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,948	10.0	9.7	1.1	15.5	14.1	1.3	19.0	17.5	1.5
CONDITIONS:										
Acute Myocardial Infarction	71	28.2	29.5	5.8	32.4	33.3	5.9	36.6	37.1	5.8
Congestive Heart Failure	99	17.2	15.8	4.9	30.3	23.8	7.3	36.4	30.5	7.8
Pneumonia/Influenza	59	27.1	16.9	6.8	28.8	22.9	6.1	28.8	27.1	5.9
Chronic Obstructive Pulmonary Disease	11	0.0	10.7	*	0.0	17.7	*	9.1	23.6	*
Transient Cerebral Ischemia	36	2.8	1.9	*	2.8	4.1	*	8.3	6.4	*
Stroke	94	18.1	21.7	5.2	28.7	28.5	4.7	30.9	33.2	5.4
Hip Fracture	54	3.7	6.7	4.0	5.6	12.0	6.1	7.4	15.3	7.6
Sepsis	24	20.8	21.3	*	25.0	28.0	*	25.0	33.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	0.0	3.9	*	6.7	6.1	*	26.7	8.4	*
Carotid Endarterectomy	9	0.0	1.7	*	0.0	3.2	*	11.1	4.9	*
Hip Replacement/Reconstruction	28	0.0	3.1	*	0.0	5.8	*	0.0	7.5	*
Open Reduction of Hip Fracture	21	4.8	5.8	*	9.5	10.7	*	14.3	14.0	*
Prostatectomy	86	1.2	1.1	1.3	3.5	2.6	1.9	4.7	4.3	2.2
Cholecystectomy	46	2.2	3.2	*	2.2	5.1	*	4.3	6.3	*
Hysterectomy	34	2.9	0.5	*	2.9	0.9	*	2.9	1.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,869	9.6	9.7	2.9	14.8	14.1	3.0	18.1	17.6	1.7
CONDITIONS:										
Acute Myocardial Infarction	88	29.5	32.8	8.2	35.2	36.2	7.6	37.5	39.8	5.8
Congestive Heart Failure	82	15.9	17.1	4.2	23.2	25.1	5.5	29.3	31.8	5.6
Pneumonia/Influenza	75	21.3	18.1	7.4	33.3	24.2	8.5	37.3	28.9	10.2
Chronic Obstructive Pulmonary Disease	2	0.0	11.4	*	50.0	17.0	*	50.0	22.7	*
Transient Cerebral Ischemia	39	0.0	1.5	*	2.6	3.2	*	2.6	5.0	*
Stroke	99	19.2	22.9	6.0	25.3	29.5	7.5	29.3	33.9	9.3
Hip Fracture	50	8.0	7.3	*	18.0	12.9	*	22.0	16.4	*
Sepsis	27	37.0	27.8	*	51.9	35.9	*	59.3	41.7	*
PROCEDURES:										
Angioplasty	1	0.0	1.4	*	0.0	2.8	*	0.0	3.9	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	16	6.3	3.8	*	6.3	7.5	*	12.5	10.6	*
Carotid Endarterectomy	13	0.0	1.5	*	7.7	2.8	*	7.7	4.0	*
Hip Replacement/Reconstruction	27	7.4	2.0	*	14.8	3.9	*	14.8	5.2	*
Open Reduction of Hip Fracture	28	0.0	6.3	*	10.7	11.6	*	14.3	15.0	*
Prostatectomy	57	1.8	1.6	1.9	5.3	3.9	4.1	7.0	6.4	5.6
Cholecystectomy	39	2.6	3.5	*	7.7	5.8	*	7.7	7.3	*
Hysterectomy	15	0.0	0.6	*	0.0	1.2	*	0.0	1.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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Holy Family
Hospital

100 N. River Road
Des Plaines, Illinois
60016-1278
708.297.1800
Fax 708.297.1841

January 15, 1991

Dear HCFA Representative:

Here are the statements for Holy Family Hospital, Des Plaines, regarding the 1991 Mortality Rates Bulletin. If you have any questions please call Linda Melton, director of public relations, at 708-297-1800, extension 1177.

PLEASE ENCLOSE THOSE STATEMENTS WITH HOLY FAMILY HOSPITAL'S MORTALITY DATA IN YOUR UPCOMING BULLETIN:

1. The Health Care Financing Administration (HCFA) data on mortality rates, as a single indicator or predictor, does not provide an accurate methodology for measuring quality of care provided by a hospital. Holy Family Hospital places great value on the quality of care provided to its patients with constant monitoring of that quality by qualified physicians and a multi-disciplinary team of health professionals through the processes of peer review, utilization review, and quality assurance.

2. When interpreting the HCFA data and applying the two standard deviation formulas recommended by HCFA, please note that the observed mortality rates in all categories are within the predicted range.

3. At the recommendation of HCFA, categories with 50 or fewer patients do not have a valid standard deviation. In those categories, the available data are insufficient to analyze in any meaningful or statistical manner.

4. The HCFA mortality data measure death occurrences after the individual has left the hospital. The death may be related to other factors, such as automobile accidents or other health problems, which are not in any way related to the cause ofthe original hospital stay. This is particularly true for the data published for 90 and 180 days.

Thank you for enclosing the above information.

Sincerely,

Linda JM

Linda J. Melton
Director of Public Relations
Holy Family Hospital

HOOPESTON COMMUNITY MEMORIAL HOSPITAL

701 East Orange St
Hoopeston, IL 60942

Medicare Provider Number: 140097

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	137	8.8	8.8	2.9	13.9	13.1	3.3	19.7	16.8	4.1
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	24.6	*	0.0	27.4	*	0.0	31.2	*
Congestive Heart Failure	7	28.6	11.2	*	42.9	17.3	*	42.9	23.0	*
Pneumonia/Influenza	22	22.7	14.2	*	27.3	19.3	*	27.3	23.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	0.8	*	0.0	1.8	*	0.0	2.7	*
Stroke	5	0.0	16.0	*	40.0	21.5	*	40.0	25.7	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	7	0.0	1.0	*	0.0	2.4	*	14.3	3.9	*
Cholecystectomy	1	0.0	1.3	*	0.0	2.3	*	0.0	3.0	*
Hysterectomy	1	0.0	11.7	*	0.0	22.4	*	0.0	31.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	76
Occupancy Rate	66
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HOOPESTON COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 140097

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	146	8.9	8.1	2.7	12.3	12.0	2.8	17.1	15.1	3.3
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	45.4	*	33.3	53.1	*	33.3	58.3	*
Congestive Heart Failure	9	22.2	22.9	*	22.2	29.8	*	33.3	36.4	*
Pneumonia/Influenza	10	10.0	13.1	*	10.0	17.6	*	20.0	21.5	*
Chronic Obstructive Pulmonary Disease	5	0.0	6.4	*	0.0	10.4	*	20.0	14.2	*
Transient Cerebral Ischemia	4	25.0	2.7	*	50.0	6.1	*	50.0	10.0	*
Stroke	6	16.7	16.4	*	16.7	21.5	*	16.7	25.8	*
Hip Fracture	0									
Sepsis	1	100.0	22.2	*	100.0	27.3	*	100.0	32.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	0.8	*	0.0	1.7	*	0.0	2.7	*
Cholecystectomy	5	0.0	1.4	*	0.0	2.7	*	0.0	3.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	137	10.9	8.7	3.7	16.8	13.5	4.8	19.7	17.3	5.6
CONDITIONS:										
Acute Myocardial Infarction	3	66.7	24.8	*	66.7	27.1	*	66.7	29.8	*
Congestive Heart Failure	4	25.0	17.9	*	25.0	28.4	*	25.0	37.0	*
Pneumonia/Influenza	17	11.8	13.2	*	23.5	18.0	*	23.5	22.2	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	5	0.0	1.8	*	0.0	3.9	*	0.0	6.2	*
Stroke	3	0.0	32.5	*	33.3	41.2	*	66.7	45.6	*
Hip Fracture	1	0.0	3.0	*	0.0	5.4	*	0.0	7.3	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	2.6	*	0.0	4.9	*	0.0	6.8	*
Prostatectomy	7	0.0	1.2	*	0.0	2.8	*	0.0	4.6	*
Cholecystectomy	4	0.0	2.8	*	0.0	5.4	*	0.0	7.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOPEDALE HOSPITAL

107 Tremont Street
Hopedale, IL 61747

Medicare Provider Number: 140121

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	148	9.5	9.0	2.6	16.9	14.0	3.9	18.9	17.8	3.6
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	30.6	*	50.0	34.1	*	50.0	38.8	*
Congestive Heart Failure	4	25.0	23.1	*	50.0	35.8	*	50.0	44.3	*
Pneumonia/Influenza	8	0.0	19.0	*	25.0	26.4	*	25.0	31.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	2.7	*	0.0	6.0	*	0.0	9.7	*
Stroke	7	42.9	18.5	*	42.9	24.1	*	42.9	28.4	*
Hip Fracture	0									
Sepsis	2	0.0	18.5	*	0.0	25.4	*	0.0	30.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	0.8	*	0.0	1.4	*	0.0	2.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	119
Occupancy Rate	58
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	14
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HOPEDALE HOSPITAL

Medicare Provider Number: 140121

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	162	13.0	10.1	3.9	17.9	15.7	3.7	22.2	20.0	4.0
CONDITIONS:										
Acute Myocardial Infarction	3	66.7	38.7	*	100.0	47.0	*	100.0	53.7	*
Congestive Heart Failure	7	28.6	18.0	*	28.6	25.9	*	42.9	32.9	*
Pneumonia/Influenza	10	10.0	18.7	*	10.0	25.2	*	20.0	30.1	*
Chronic Obstructive Pulmonary Disease	1	0.0	5.0	*	0.0	9.1	*	0.0	13.2	*
Transient Cerebral Ischemia	0									
Stroke	5	0.0	15.4	*	0.0	20.6	*	0.0	24.9	*
Hip Fracture	1	0.0	2.1	*	0.0	3.8	*	0.0	5.0	*
Sepsis	1	100.0	44.9	*	100.0	50.7	*	100.0	56.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	1	0.0	1.4	*	0.0	2.7	*	0.0	3.9	*
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	1.9	*	0.0	3.4	*	0.0	4.7	*
Prostatectomy	3	0.0	1.0	*	0.0	2.2	*	0.0	3.2	*
Cholecystectomy	7	0.0	2.0	*	0.0	3.1	*	0.0	3.8	*
Hysterectomy	1	0.0	2.1	*	0.0	5.4	*	0.0	9.0	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	190	9.5	9.0	5.6	13.7	14.7	8.2	16.3	19.2	8.6
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	34.4	*	0.0	39.4	*	0.0	43.8	*
Congestive Heart Failure	11	9.1	15.6	*	27.3	23.9	*	27.3	30.8	*
Pneumonia/Influenza	15	6.7	14.1	*	13.3	19.5	*	13.3	24.1	*
Chronic Obstructive Pulmonary Disease	2	0.0	10.9	*	0.0	16.8	*	0.0	21.2	*
Transient Cerebral Ischemia	1	0.0	3.0	*	0.0	6.3	*	0.0	10.0	*
Stroke	9	22.2	14.6	*	22.2	20.2	*	33.3	24.5	*
Hip Fracture	2	50.0	6.8	*	50.0	13.2	*	50.0	17.6	*
Sepsis	2	0.0	20.9	*	0.0	34.5	*	0.0	42.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.9	*	0.0	2.3	*	0.0	3.9	*
Cholecystectomy	3	0.0	0.8	*	0.0	1.5	*	33.3	2.0	*
Hysterectomy	1	0.0	0.4	*	0.0	0.6	*	0.0	0.7	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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The Hopedale Medical Complex
Hopedale, Illinois 61747 309-449-3321

Hopedale
Hospital

Hopedale
Nursing
Home

Hopedale
House
Sheltered
Care

Hopedale
Hall
For Alcoholism
Rehabilitation

Medical
Arts
Building

Home
Health
Care
Service

Residential
Apartments
For The
Retired

24 Hour
Doctor's
Office

Satellite
Doctors'
Offices

Hopedale
Hospice

December 19, 1990

Health Care Financing Administration
Health Standards and Quality Bureau
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

RE: Hopedale Hospital Mortality Data
on Medicare patients for fiscal 1989

Dear Mrs. Kappert:

I am writing you to correct several errors published in the 1989 Medicare Hospital Mortality Information for Hopedale Hospital, Hopedale, Illinois.

1. The total bed capacity is listed at 119 - this is an error. This is a 26-bed hospital with attached 90-bed Nursing Home. Therefore, the data was skewed based on mortality.

2. The total deaths for the hospital were not 35 as indicated on the list, but only 11. The other deaths were nursing home deaths or out of hospital deaths not related to recent hospital admission.

3. The 30-day mortality was 11 deaths over 148 Medicare admissions which equal 7%. This is less than the predicted 9% for our facility.

4. Several of the deaths listed were terminal Hospice patients which were not Hospital related deaths.

5. Our facility does not have a Medical/Surgical Intensive Care unit as mentioned in your statistics.

Sincerely,

A N Rossi, MD

Alfred N. Rossi, M.D.
Chief of Staff
Hopedale Hospital

ANR/jl

Owned and operated by The Hopedale Medical Foundation, a not-for-profit organization.

HUMANA HOSPITAL HOFFMAN ESTATES

1555 N Barrington Rd
Hoffman Estates, IL 60194

Medicare Provider Number: 140290

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	924	10.7	11.3	2.8	16.3	16.7	2.8	20.2	20.9	2.4
CONDITIONS:										
Acute Myocardial Infarction	41	22.0	25.5	*	24.4	28.9	*	29.3	32.3	*
Congestive Heart Failure	41	12.2	13.6	*	22.0	21.0	*	26.8	27.4	*
Pneumonia/Influenza	42	19.0	16.4	*	23.8	22.1	*	31.0	26.8	*
Chronic Obstructive Pulmonary Disease	20	5.0	7.3	*	5.0	13.5	*	15.0	19.0	*
Transient Cerebral Ischemia	15	6.7	1.9	*	6.7	4.2	*	6.7	6.7	*
Stroke	29	27.6	16.7	*	31.0	23.3	*	31.0	27.5	*
Hip Fracture	38	5.3	7.9	*	10.5	13.6	*	13.2	17.3	*
Sepsis	28	28.6	32.3	*	42.9	39.6	*	42.9	45.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	11.6	*	25.0	20.8	*	25.0	26.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	18	5.6	6.3	*	11.1	11.3	*	11.1	14.5	*
Open Reduction of Hip Fracture	23	4.3	6.5	*	4.3	11.8	*	8.7	15.3	*
Prostatectomy	33	3.0	2.5	*	12.1	5.5	*	15.2	8.7	*
Cholecystectomy	14	7.1	4.3	*	7.1	8.0	*	7.1	11.0	*
Hysterectomy	3	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	226
Occupancy Rate	58
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	264
Percent of Physicians Board Certified Specialists	72
Medical Residents/Interns	0
Registered Nurses	162
Licensed Practical Nurses	14

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

HUMANA HOSPITAL HOFFMAN ESTATES

Medicare Provider Number: 140290

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,039	9.9	10.1	1.1	14.1	15.0	1.4	17.5	18.8	1.7
CONDITIONS:										
Acute Myocardial Infarction	26	23.1	27.0	*	30.8	30.5	*	30.8	34.0	*
Congestive Heart Failure	53	9.4	16.9	7.3	15.1	25.0	8.8	17.0	31.7	10.3
Pneumonia/Influenza	46	19.6	17.7	*	28.3	23.8	*	32.6	28.5	*
Chronic Obstructive Pulmonary Disease	15	6.7	8.8	*	20.0	15.3	*	20.0	20.7	*
Transient Cerebral Ischemia	29	0.0	2.0	*	0.0	4.2	*	6.9	6.6	*
Stroke	41	26.8	24.3	*	29.3	31.0	*	29.3	35.7	*
Hip Fracture	29	6.9	7.4	*	6.9	13.0	*	10.3	16.4	*
Sepsis	18	50.0	26.0	*	50.0	33.8	*	55.6	39.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	2.3	*	0.0	4.7	*	0.0	7.2	*
Carotid Endarterectomy	4	0.0	1.7	*	0.0	3.1	*	0.0	4.7	*
Hip Replacement/Reconstruction	9	0.0	4.5	*	0.0	8.2	*	0.0	10.5	*
Open Reduction of Hip Fracture	16	0.0	6.1	*	0.0	11.5	*	6.3	14.9	*
Prostatectomy	37	2.7	1.3	*	2.7	3.1	*	2.7	5.2	*
Cholecystectomy	16	6.3	3.0	*	6.3	5.1	*	6.3	6.4	*
Hysterectomy	6	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	888	10.6	10.7	1.5	15.2	15.4	1.9	18.1	19.3	2.3
CONDITIONS:										
Acute Myocardial Infarction	46	32.6	29.7	*	45.7	33.9	*	47.8	37.8	*
Congestive Heart Failure	47	14.9	18.2	*	23.4	26.9	*	25.5	34.1	*
Pneumonia/Influenza	32	21.9	20.7	*	31.3	27.8	*	34.4	33.1	*
Chronic Obstructive Pulmonary Disease	13	0.0	7.4	*	7.7	13.3	*	15.4	18.4	*
Transient Cerebral Ischemia	21	4.8	2.5	*	4.8	5.4	*	4.8	8.7	*
Stroke	35	25.7	25.6	*	34.3	32.0	*	37.1	36.5	*
Hip Fracture	26	7.7	7.0	*	11.5	12.2	*	15.4	15.6	*
Sepsis	10	30.0	36.3	*	50.0	44.4	*	50.0	50.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	3.5	*	0.0	6.9	*	0.0	10.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	10.0	2.7	*	10.0	4.6	*	10.0	5.9	*
Open Reduction of Hip Fracture	15	6.7	6.5	*	6.7	12.2	*	13.3	15.9	*
Prostatectomy	37	0.0	1.5	*	2.7	3.8	*	5.4	6.4	*
Cholecystectomy	11	0.0	4.8	*	9.1	6.7	*	9.1	7.9	*
Hysterectomy	4	0.0	1.4	*	0.0	2.9	*	25.0	4.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

157.1

60194
Telephone 708 843-2000

Humana Hospital
Hoffman Estates

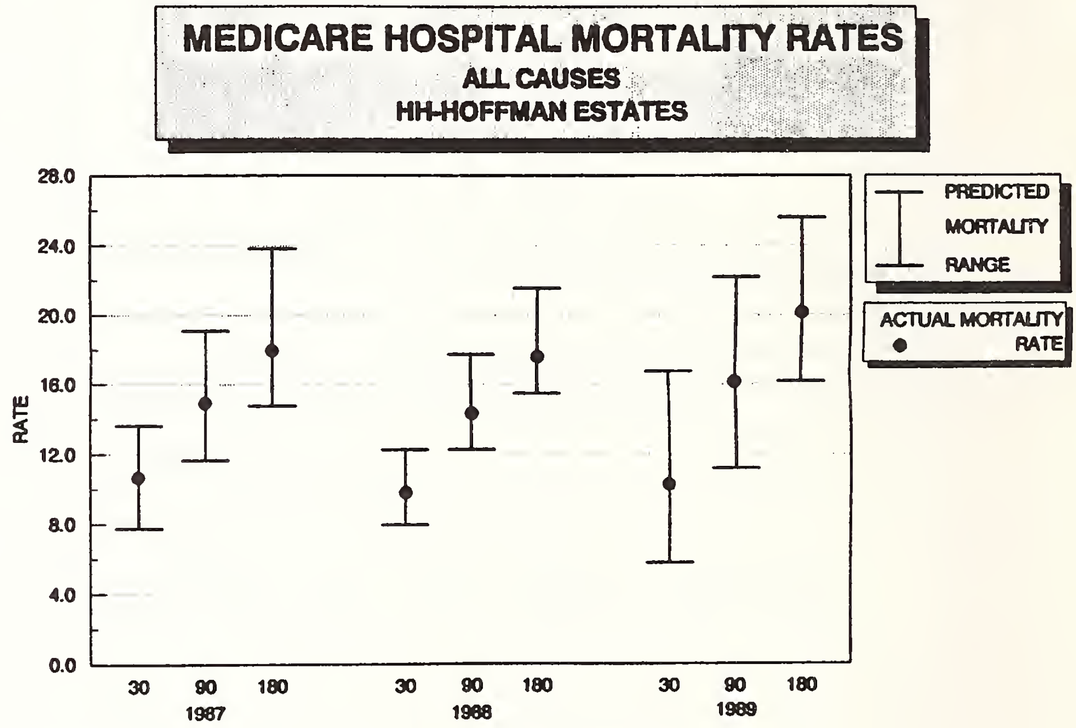
January 9, 1991 Medicare Provider # 140290

Ms. Sandra Kappert
Health Care Financing Admin., Health Standards & Quality Bureau
2-D-2 Meadows E. Building, 6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

Thank you for the opportunity to review and comment on the Medicare mortality rates you provided for Humana Hospital - Hoffman Estates. Since the mortality rates will be interpreted by the public, it is essential the data be easily understandable. Unfortunately, the presentation of the data in the format you provided is difficult to understand, and wrong conclusions may be reached by readers attempting to evaluate the hospital's observed rate against the predicted mortality rate.

For areas where a standard deviation has been provided, we urge that a predicted range be calculated and displayed as in past years. This would allow for much less potential error of interpretation. (To aid readers, in understanding the data for Humana Hospital - Hoffman Estates, we have computed a range for the "All Causes" category for the 30, 90 and 180 day-intervals for 1987, 1988 and 1989. The range represents a 95% prediction interval using the technical information provided. The data are displayed graphically below.


MEDICARE HOSPITAL MORTALITY RATES
ALL CAUSES
HH-HOFFMAN ESTATES

SOURCE: HCFA - MEDICARE HOSPITAL MORTALITY INFORMATION 1987, 1988, 1989

The vertical lines represent the predicted ranges and the dot represents the hospital's observed rate.)

For some categories, observed and predicted mortality rates are published without an accompanying standard deviation. If "the number of cases or deaths in any category is too small to permit satisfactory estimation of the standard deviation," it is also inappropriate to publish predicted rates in that category, due to the potential misinterpretation.

Please note the following corrections to the 1989 - Hospital Characteristics:

Total Beds (#)....................356
Occupancy Rate (%)................37.5
Staffing
  Total number of Physicians......388
  % Board Certified Physicians....74
  Registered Nurses...............365
  Licensed Practical Nurses.......46

We support the Health Care Financing Administration's continuing effort to provide reliable mortality data. Mortality rates are an important clinical indicator; however, they are not the sole element in evaluating patient care given in a hospital. At Humana Hospital - Hoffman Estates, we have established, in conjunction with our medical staff, an on-going, comprehensive quality management program.

Thank you again for the opportunity to review the data before publication. We hope you will give serious thought to our comments and not release the information to the public without modifying it to make it more meaningful and understandable.

Sincerely,

Donald L. Maloney, II
President
Humana Hospital - Hoffman Estates

DLM/lg

HYDE PARK HOSPITAL
5800 Stony Island Ave
Chicago, IL 60637

Medicare Provider Number: 140253

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	805	10.7	11.7	1.4	18.6	18.4	1.8	24.0	23.5	1.7
CONDITIONS:										
Acute Myocardial Infarction	7	0.0	23.7	*	0.0	26.1	*	0.0	29.4	*
Congestive Heart Failure	51	11.8	12.5	5.4	15.7	19.5	6.8	23.5	25.7	7.0
Pneumonia/Influenza	29	13.8	19.5	*	27.6	27.4	*	48.3	32.9	*
Chronic Obstructive Pulmonary Disease	5	0.0	4.2	*	0.0	6.8	*	0.0	9.3	*
Transient Cerebral Ischemia	21	0.0	2.1	*	4.8	4.7	*	4.8	7.6	*
Stroke	37	8.1	20.6	*	13.5	26.9	*	18.9	31.6	*
Hip Fracture	5	0.0	6.6	*	0.0	12.5	*	0.0	16.8	*
Sepsis	23	34.8	27.7	*	56.5	38.0	*	69.6	45.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	1	0.0	1.0	*	0.0	2.0	*	0.0	3.1	*
Hip Replacement/Reconstruction	1	0.0	7.9	*	0.0	13.9	*	0.0	17.4	*
Open Reduction of Hip Fracture	0									
Prostatectomy	41	2.4	1.8	*	2.4	4.4	*	2.4	7.3	*
Cholecystectomy	4	0.0	3.4	*	0.0	5.9	*	0.0	7.2	*
Hysterectomy	2	0.0	0.5	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	176
Occupancy Rate	58
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HYDE PARK HOSPITAL

Medicare Provider Number: 140253

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	709	9.2	11.5	1.7	14.7	18.0	2.0	20.3	23.0	2.0
CONDITIONS:										
Acute Myocardial Infarction	8	37.5	39.6	*	37.5	46.6	*	50.0	51.6	*
Congestive Heart Failure	33	12.1	16.1	*	15.2	24.7	*	18.2	31.3	*
Pneumonia/Influenza	31	9.7	16.1	*	19.4	22.0	*	19.4	26.5	*
Chronic Obstructive Pulmonary Disease	5	0.0	7.8	*	0.0	12.7	*	20.0	16.4	*
Transient Cerebral Ischemia	11	0.0	2.9	*	0.0	6.8	*	0.0	10.6	*
Stroke	34	2.9	19.2	*	2.9	25.2	*	8.8	29.7	*
Hip Fracture	7	0.0	6.7	*	14.3	12.2	*	14.3	15.8	*
Sepsis	12	16.7	30.6	*	33.3	41.3	*	41.7	48.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	3.2	*	0.0	6.3	*	0.0	8.5	*
Open Reduction of Hip Fracture	0									
Prostatectomy	36	5.6	1.6	*	5.6	3.9	*	8.3	6.5	*
Cholecystectomy	7	0.0	9.4	*	14.3	16.6	*	14.3	20.3	*
Hysterectomy	2	0.0	0.5	*	0.0	0.8	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	744	8.6	10.8	2.1	15.2	16.8	2.7	19.5	21.6	3.0
CONDITIONS:										
Acute Myocardial Infarction	11	0.0	30.1	*	9.1	33.9	*	18.2	38.0	*
Congestive Heart Failure	43	11.6	19.8	*	25.6	30.0	*	30.2	37.7	*
Pneumonia/Influenza	25	16.0	20.4	*	36.0	27.4	*	40.0	32.6	*
Chronic Obstructive Pulmonary Disease	12	8.3	14.3	*	16.7	22.9	*	16.7	29.1	*
Transient Cerebral Ischemia	17	0.0	2.0	*	5.9	4.4	*	5.9	7.2	*
Stroke	47	12.8	19.9	*	19.1	26.7	*	19.1	31.5	*
Hip Fracture	8	0.0	7.7	*	0.0	13.8	*	0.0	17.8	*
Sepsis	12	25.0	31.4	*	41.7	41.0	*	50.0	48.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	6.4	*	33.3	14.4	*	33.3	22.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	2.5	*	0.0	4.7	*	0.0	6.5	*
Open Reduction of Hip Fracture	1	0.0	5.7	*	0.0	11.4	*	0.0	15.5	*
Prostatectomy	14	7.1	2.0	*	7.1	5.0	*	7.1	8.4	*
Cholecystectomy	5	0.0	3.7	*	0.0	5.7	*	0.0	6.7	*
Hysterectomy	2	0.0	0.6	*	0.0	1.0	*	0.0	1.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ILLINI COMMUNITY HOSPITAL

640 West Washington St
Pittsfield, IL 62363

Medicare Provider Number: 140139

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	460	10.2	10.3	2.1	15.7	15.5	3.7	18.5	19.8	3.4
CONDITIONS:										
Acute Myocardial Infarction	13	7.7	27.1	*	15.4	31.8	*	23.1	36.4	*
Congestive Heart Failure	36	16.7	14.7	*	27.8	22.4	*	30.6	29.1	*
Pneumonia/Influenza	28	10.7	21.5	*	25.0	28.9	*	25.0	34.1	*
Chronic Obstructive Pulmonary Disease	7	28.6	7.0	*	28.6	12.7	*	28.6	17.8	*
Transient Cerebral Ischemia	9	0.0	2.6	*	0.0	6.1	*	0.0	10.0	*
Stroke	13	46.2	23.5	*	53.8	29.8	*	53.8	34.5	*
Hip Fracture	13	7.7	7.8	*	7.7	13.8	*	7.7	17.6	*
Sepsis	6	33.3	31.9	*	50.0	38.9	*	50.0	44.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	5.7	*	0.0	10.5	*	0.0	13.7	*
Open Reduction of Hip Fracture	7	14.3	8.1	*	14.3	15.0	*	14.3	19.3	*
Prostatectomy	0									
Cholecystectomy	7	0.0	1.7	*	0.0	3.2	*	0.0	4.5	*
Hysterectomy	3	0.0	1.3	*	0.0	2.8	*	33.3	4.4	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	59
Occupancy Rate	39
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	21
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ILLINI COMMUNITY HOSPITAL

Medicare Provider Number: 140139

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	481	10.0	10.9	1.5	14.6	16.0	2.0	18.1	20.1	2.2
CONDITIONS:										
Acute Myocardial Infarction	28	32.1	32.4	*	39.3	36.4	*	42.9	40.3	*
Congestive Heart Failure	26	26.9	16.1	*	30.8	24.4	*	34.6	31.1	*
Pneumonia/Influenza	28	21.4	20.8	*	25.0	27.5	*	28.6	32.2	*
Chronic Obstructive Pulmonary Disease	7	0.0	5.2	*	0.0	9.7	*	0.0	13.7	*
Transient Cerebral Ischemia	8	0.0	2.1	*	12.5	4.9	*	12.5	7.9	*
Stroke	16	6.3	21.7	*	25.0	29.0	*	25.0	34.1	*
Hip Fracture	13	0.0	6.0	*	7.7	11.0	*	15.4	14.4	*
Sepsis	6	33.3	27.2	*	50.0	35.0	*	66.7	41.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	4.6	*	12.5	9.0	*	25.0	12.0	*
Open Reduction of Hip Fracture	4	0.0	7.6	*	0.0	14.2	*	0.0	18.5	*
Prostatectomy	1	0.0	1.1	*	0.0	2.6	*	0.0	4.4	*
Cholecystectomy	8	0.0	1.4	*	0.0	2.6	*	0.0	3.3	*
Hysterectomy	7	0.0	3.3	*	0.0	7.1	*	0.0	11.2	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	482	12.2	11.6	1.7	18.7	17.2	2.1	22.0	21.7	2.6
CONDITIONS:										
Acute Myocardial Infarction	25	24.0	38.1	*	32.0	42.3	*	36.0	46.0	*
Congestive Heart Failure	27	18.5	16.2	*	29.6	24.5	*	29.6	31.5	*
Pneumonia/Influenza	33	15.2	14.3	*	18.2	20.3	*	24.2	24.8	*
Chronic Obstructive Pulmonary Disease	4	0.0	6.7	*	0.0	13.1	*	25.0	18.8	*
Transient Cerebral Ischemia	18	0.0	2.6	*	11.1	6.1	*	11.1	9.9	*
Stroke	18	33.3	21.2	*	38.9	27.5	*	50.0	32.2	*
Hip Fracture	15	6.7	5.7	*	20.0	10.7	*	26.7	14.1	*
Sepsis	7	0.0	24.2	*	14.3	32.1	*	28.6	38.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	4.5	*	14.3	9.0	*	14.3	12.3	*
Open Reduction of Hip Fracture	8	12.5	5.6	*	25.0	10.8	*	37.5	14.3	*
Prostatectomy	2	50.0	1.7	*	50.0	4.4	*	50.0	7.4	*
Cholecystectomy	5	0.0	3.8	*	0.0	5.9	*	0.0	6.9	*
Hysterectomy	1	0.0	4.1	*	0.0	8.7	*	0.0	14.0	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ILLINI HOSPITAL

801 Hospital Road
Silvis, IL 61282

Medicare Provider Number: 140275

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	922	6.7	7.9	1.7	11.5	12.1	2.2	14.6	15.6	1.8
CONDITIONS:										
Acute Myocardial Infarction	27	22.2	22.0	*	25.9	24.9	*	33.3	28.1	*
Congestive Heart Failure	58	5.2	13.5	7.3	10.3	21.1	8.9	19.0	27.6	8.7
Pneumonia/Influenza	53	15.1	15.7	5.6	22.6	21.4	5.7	22.6	25.8	7.7
Chronic Obstructive Pulmonary Disease	23	8.7	11.5	*	8.7	18.2	*	13.0	24.0	*
Transient Cerebral Ischemia	33	0.0	1.7	*	3.0	3.9	*	6.1	6.1	*
Stroke	33	12.1	16.7	*	21.2	23.0	*	21.2	27.3	*
Hip Fracture	16	12.5	7.7	*	18.8	13.4	*	25.0	17.0	*
Sepsis	7	14.3	16.8	*	42.9	23.3	*	42.9	27.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	2.4	*	0.0	4.9	*	0.0	7.5	*
Carotid Endarterectomy	4	0.0	1.1	*	0.0	2.1	*	0.0	3.0	*
Hip Replacement/Reconstruction	12	0.0	4.2	*	0.0	8.9	*	8.3	12.9	*
Open Reduction of Hip Fracture	6	0.0	6.9	*	0.0	12.9	*	16.7	16.8	*
Prostatectomy	15	0.0	0.9	*	6.7	1.9	*	13.3	2.9	*
Cholecystectomy	28	0.0	1.7	*	0.0	2.9	*	0.0	3.9	*
Hysterectomy	4	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	133
Occupancy Rate	45
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	58
Percent of Physicians Board Certified Specialists	86
Medical Residents/Interns	0
Registered Nurses	133
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ILLINI HOSPITAL

Medicare Provider Number: 140275

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	979	7.0	7.7	1.2	10.3	11.6	1.7	13.7	14.9	1.9
CONDITIONS:										
Acute Myocardial Infarction	27	18.5	24.5	*	25.9	27.9	*	29.6	31.5	*
Congestive Heart Failure	74	16.2	14.7	5.1	25.7	22.5	6.0	33.8	29.0	8.3
Pneumonia/Influenza	50	18.0	16.2	*	26.0	22.1	*	32.0	26.7	*
Chronic Obstructive Pulmonary Disease	15	20.0	10.0	*	26.7	16.9	*	33.3	22.4	*
Transient Cerebral Ischemia	37	0.0	1.8	*	0.0	3.8	*	5.4	5.9	*
Stroke	34	29.4	25.0	*	32.4	32.1	*	44.1	37.0	*
Hip Fracture	26	11.5	6.1	*	11.5	11.1	*	15.4	14.4	*
Sepsis	7	28.6	22.7	*	28.6	30.3	*	28.6	35.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	2.3	*	20.0	4.2	*	20.0	6.2	*
Carotid Endarterectomy	8	0.0	1.3	*	12.5	2.5	*	12.5	3.7	*
Hip Replacement/Reconstruction	16	12.5	3.9	*	12.5	7.6	*	18.8	10.1	*
Open Reduction of Hip Fracture	8	0.0	5.1	*	0.0	9.7	*	0.0	12.8	*
Prostatectomy	26	0.0	0.9	*	0.0	2.3	*	0.0	3.8	*
Cholecystectomy	26	0.0	2.6	*	0.0	4.8	*	3.8	6.2	*
Hysterectomy	6	0.0	1.7	*	0.0	3.5	*	0.0	4.9	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,029	8.0	7.3	1.0	11.9	11.3	1.1	15.3	14.6	1.3
CONDITIONS:										
Acute Myocardial Infarction	34	26.5	26.0	*	26.5	28.8	*	32.4	32.0	*
Congestive Heart Failure	53	13.2	13.7	5.1	26.4	21.1	8.0	35.8	27.5	13.0
Pneumonia/Influenza	42	16.7	14.5	*	19.0	19.4	*	23.8	23.5	*
Chronic Obstructive Pulmonary Disease	19	31.6	15.5	*	36.8	24.3	*	42.1	30.7	*
Transient Cerebral Ischemia	42	0.0	2.2	*	0.0	4.6	*	0.0	7.2	*
Stroke	34	23.5	18.0	*	32.4	23.9	*	35.3	28.2	*
Hip Fracture	34	2.9	6.9	*	8.8	12.3	*	11.8	16.0	*
Sepsis	6	33.3	18.6	*	33.3	26.3	*	33.3	31.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	1.6	*	0.0	3.6	*	0.0	5.7	*
Carotid Endarterectomy	8	0.0	1.7	*	0.0	3.3	*	0.0	4.8	*
Hip Replacement/Reconstruction	15	6.7	5.8	*	6.7	10.6	*	6.7	14.0	*
Open Reduction of Hip Fracture	13	7.7	7.5	*	23.1	13.7	*	30.8	17.8	*
Prostatectomy	27	0.0	0.8	*	0.0	2.1	*	3.7	3.7	*
Cholecystectomy	17	0.0	2.0	*	0.0	3.8	*	0.0	5.3	*
Hysterectomy	7	0.0	0.4	*	0.0	0.9	*	0.0	1.7	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ILLINOIS MASONIC MEDICAL CENTER

836 W Wellington
Chicago, IL 60657

Medicare Provider Number: 140132

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,771	7.2	9.7	1.1	12.4	14.9	1.2	17.4	18.9	1.1
CONDITIONS:										
Acute Myocardial Infarction	31	22.6	26.5	*	25.8	29.9	*	25.8	33.2	*
Congestive Heart Failure	89	7.9	16.4	5.5	15.7	25.0	6.4	25.8	31.8	6.1
Pneumonia/Influenza	91	13.2	17.3	8.0	18.7	23.3	9.2	23.1	28.1	8.8
Chronic Obstructive Pulmonary Disease	8	0.0	7.8	*	0.0	13.5	*	0.0	18.5	*
Transient Cerebral Ischemia	22	0.0	1.6	*	0.0	3.6	*	4.5	5.7	*
Stroke	67	10.4	18.6	6.8	13.4	25.5	8.0	16.4	29.9	8.9
Hip Fracture	33	6.1	8.0	*	15.2	14.0	*	18.2	17.9	*
Sepsis	28	14.3	32.3	*	25.0	41.4	*	35.7	47.6	*
PROCEDURES:										
Angioplasty	26	3.8	2.7	*	3.8	3.4	*	11.5	4.2	*
Coronary Artery Bypass Graft	40	7.5	6.9	*	10.0	10.0	*	17.5	11.8	*
Initial Pacemaker Insertion	13	0.0	2.5	*	0.0	5.3	*	7.7	8.2	*
Carotid Endarterectomy	8	0.0	1.3	*	0.0	2.3	*	0.0	3.4	*
Hip Replacement/Reconstruction	20	5.0	3.9	*	10.0	7.3	*	10.0	10.1	*
Open Reduction of Hip Fracture	21	4.8	7.0	*	9.5	13.0	*	14.3	16.9	*
Prostatectomy	39	0.0	2.6	*	5.1	4.9	*	7.7	7.3	*
Cholecystectomy	22	0.0	2.9	*	4.5	5.1	*	4.5	6.5	*
Hysterectomy	8	0.0	5.6	*	37.5	11.0	*	37.5	15.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	722
Occupancy Rate	81
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	501
Percent of Physicians Board Certified Specialists	67
Medical Residents/Interns	144
Registered Nurses	471
Licensed Practical Nurses	30

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ILLINOIS MASONIC MEDICAL CENTER

Medicare Provider Number: 140132

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,051	8.1	9.2	0.8	13.7	14.3	1.0	17.8	18.3	0.9
CONDITIONS:										
Acute Myocardial Infarction	54	33.3	27.8	12.3	38.9	31.1	12.8	38.9	34.5	12.8
Congestive Heart Failure	114	13.2	17.0	4.8	23.7	26.0	4.5	33.3	33.0	5.0
Pneumonia/Influenza	87	18.4	18.8	5.1	26.4	25.2	5.3	34.5	30.0	5.6
Chronic Obstructive Pulmonary Disease	10	0.0	6.3	*	0.0	11.5	*	0.0	16.3	*
Transient Cerebral Ischemia	36	2.8	2.3	*	2.8	5.0	*	5.6	7.6	*
Stroke	83	15.7	19.6	5.2	20.5	26.3	7.5	21.7	30.7	8.5
Hip Fracture	29	0.0	6.2	*	3.4	11.6	*	13.8	15.3	*
Sepsis	14	21.4	36.6	*	35.7	45.5	*	35.7	52.5	*
PROCEDURES:										
Angioplasty	14	0.0	3.0	*	0.0	4.1	*	0.0	5.0	*
Coronary Artery Bypass Graft	63	6.3	6.9	3.2	12.7	10.3	4.4	15.9	12.5	5.9
Initial Pacemaker Insertion	13	0.0	4.1	*	0.0	7.7	*	0.0	11.3	*
Carotid Endarterectomy	4	0.0	1.3	*	25.0	2.5	*	25.0	3.7	*
Hip Replacement/Reconstruction	28	0.0	2.6	*	3.6	5.5	*	7.1	7.9	*
Open Reduction of Hip Fracture	17	0.0	5.0	*	5.9	9.4	*	17.6	12.3	*
Prostatectomy	53	1.9	1.4	1.9	5.7	3.6	3.1	5.7	5.9	3.9
Cholecystectomy	24	8.3	2.5	*	12.5	4.1	*	12.5	5.1	*
Hysterectomy	13	0.0	1.0	*	0.0	2.4	*	0.0	4.0	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,948	7.1	9.1	1.5	12.3	13.8	1.2	16.8	17.5	1.0
CONDITIONS:										
Acute Myocardial Infarction	37	13.5	31.1	*	18.9	34.9	*	21.6	38.4	*
Congestive Heart Failure	85	8.2	16.3	7.0	17.6	24.5	7.2	28.2	31.3	5.6
Pneumonia/Influenza	69	11.6	18.9	6.9	21.7	25.4	5.9	27.5	30.5	5.9
Chronic Obstructive Pulmonary Disease	25	8.0	9.7	*	24.0	16.8	*	28.0	22.2	*
Transient Cerebral Ischemia	26	7.7	2.2	*	7.7	5.0	*	7.7	8.1	*
Stroke	73	11.0	22.8	6.3	15.1	29.9	7.5	16.4	34.5	8.4
Hip Fracture	41	2.4	7.2	*	2.4	13.1	*	9.8	17.3	*
Sepsis	14	0.0	27.3	*	35.7	36.2	*	35.7	42.2	*
PROCEDURES:										
Angioplasty	9	11.1	3.4	*	11.1	4.3	*	11.1	5.3	*
Coronary Artery Bypass Graft	62	6.5	6.5	3.2	8.1	8.5	3.7	9.7	9.7	3.8
Initial Pacemaker Insertion	19	5.3	5.1	*	15.8	10.1	*	21.1	14.1	*
Carotid Endarterectomy	5	0.0	1.6	*	0.0	2.9	*	0.0	4.2	*
Hip Replacement/Reconstruction	22	0.0	4.2	*	0.0	7.9	*	9.1	10.6	*
Open Reduction of Hip Fracture	22	4.5	6.5	*	4.5	12.3	*	9.1	16.2	*
Prostatectomy	58	1.7	1.2	1.6	3.4	3.0	2.4	5.2	5.0	3.0
Cholecystectomy	24	4.2	2.8	*	4.2	4.6	*	8.3	5.6	*
Hysterectomy	13	0.0	0.9	*	0.0	2.2	*	0.0	3.4	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ILLINOIS VALLEY COMMUNITY HOSPITAL

925 West St
Peru, IL 61354

Medicare Provider Number: 140234

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	854	10.5	10.1	2.4	15.1	15.0	2.3	18.3	18.7	1.8
CONDITIONS:										
Acute Myocardial Infarction	30	36.7	25.7	*	40.0	28.7	*	43.3	32.0	*
Congestive Heart Failure	55	12.7	17.5	7.9	25.5	26.6	6.6	30.9	33.9	7.3
Pneumonia/Influenza	32	25.0	21.4	*	34.4	28.9	*	34.4	34.7	*
Chronic Obstructive Pulmonary Disease	16	0.0	6.8	*	12.5	11.5	*	12.5	15.7	*
Transient Cerebral Ischemia	9	0.0	1.9	*	0.0	4.3	*	0.0	6.9	*
Stroke	48	20.8	21.0	*	25.0	27.7	*	27.1	32.2	*
Hip Fracture	25	8.0	7.8	*	12.0	13.9	*	16.0	17.9	*
Sepsis	8	0.0	20.3	*	0.0	27.3	*	0.0	32.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	6.9	*	0.0	14.7	*	0.0	21.5	*
Carotid Endarterectomy	3	0.0	1.2	*	0.0	2.1	*	0.0	3.1	*
Hip Replacement/Reconstruction	22	0.0	3.7	*	4.5	7.1	*	4.5	9.6	*
Open Reduction of Hip Fracture	11	9.1	6.6	*	9.1	11.9	*	9.1	15.3	*
Prostatectomy	32	0.0	1.1	*	3.1	2.6	*	3.1	4.2	*
Cholecystectomy	11	0.0	2.4	*	0.0	4.6	*	9.1	6.4	*
Hysterectomy	9	0.0	0.9	*	0.0	1.9	*	0.0	2.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	108
Occupancy Rate	50
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	33
Percent of Physicians Board Certified Specialists	64
Medical Residents/Interns	0
Registered Nurses	99
Licensed Practical Nurses	11

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ILLINOIS VALLEY COMMUNITY HOSPITAL

Medicare Provider Number: 140234

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	871	11.8	9.8	1.4	15.6	14.5	1.4	19.4	18.1	1.5
CONDITIONS:										
Acute Myocardial Infarction	36	41.7	26.4	*	44.4	29.4	*	47.2	32.7	*
Congestive Heart Failure	40	25.0	17.0	*	32.5	25.3	*	35.0	32.2	*
Pneumonia/Influenza	30	23.3	15.3	*	23.3	20.4	*	23.3	24.7	*
Chronic Obstructive Pulmonary Disease	15	13.3	6.6	*	26.7	11.4	*	33.3	15.7	*
Transient Cerebral Ischemia	14	0.0	1.6	*	0.0	3.5	*	14.3	5.4	*
Stroke	54	24.1	22.0	6.7	27.8	28.5	7.0	37.0	33.0	7.9
Hip Fracture	36	11.1	7.5	*	11.1	13.3	*	11.1	16.8	*
Sepsis	4	25.0	26.6	*	25.0	34.0	*	50.0	40.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	6.6	*	0.0	11.1	*	0.0	14.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	27	3.7	2.8	*	3.7	5.3	*	3.7	7.0	*
Open Reduction of Hip Fracture	20	15.0	7.9	*	15.0	14.6	*	15.0	18.6	*
Prostatectomy	40	5.0	1.3	*	7.5	3.3	*	12.5	5.6	*
Cholecystectomy	24	4.2	2.0	*	4.2	3.5	*	4.2	4.5	*
Hysterectomy	11	0.0	1.0	*	0.0	1.7	*	0.0	2.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	852	8.7	9.4	3.2	13.0	13.8	3.9	16.7	17.3	3.8
CONDITIONS:										
Acute Myocardial Infarction	34	17.6	28.7	*	17.6	31.4	*	23.5	34.4	*
Congestive Heart Failure	56	16.1	18.1	5.8	28.6	26.3	7.0	33.9	33.0	6.4
Pneumonia/Influenza	22	13.6	14.5	*	13.6	19.0	*	18.2	23.0	*
Chronic Obstructive Pulmonary Disease	6	16.7	7.0	*	33.3	11.2	*	33.3	15.0	*
Transient Cerebral Ischemia	8	12.5	3.6	*	12.5	8.1	*	12.5	12.5	*
Stroke	47	21.3	22.1	*	25.5	29.4	*	34.0	34.0	*
Hip Fracture	31	3.2	7.9	*	9.7	13.8	*	16.1	17.4	*
Sepsis	2	50.0	19.0	*	50.0	24.7	*	50.0	30.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.3	*	0.0	4.5	*	0.0	6.6	*
Carotid Endarterectomy	3	0.0	1.6	*	0.0	2.9	*	0.0	4.3	*
Hip Replacement/Reconstruction	16	0.0	3.5	*	0.0	6.6	*	0.0	8.6	*
Open Reduction of Hip Fracture	21	4.8	6.9	*	14.3	12.8	*	23.8	16.4	*
Prostatectomy	48	0.0	0.9	*	2.1	2.2	*	4.2	3.7	*
Cholecystectomy	16	0.0	3.6	*	6.3	6.1	*	6.3	7.3	*
Hysterectomy	7	0.0	2.6	*	14.3	5.4	*	14.3	8.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ILLINOIS VETERANS HOME

1707 N Twelth Street
Quincy, IL 62301

Medicare Provider Number: 140273

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	134	5.2	11.9	6.9	16.4	18.5	4.9	21.6	23.9	6.0
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	10.6	*	0.0	14.2	*	0.0	17.4	*
Congestive Heart Failure	5	20.0	21.0	*	20.0	34.0	*	20.0	43.8	*
Pneumonia/Influenza	23	13.0	17.2	*	21.7	24.2	*	30.4	29.5	*
Chronic Obstructive Pulmonary Disease	13	7.7	8.2	*	15.4	17.6	*	30.8	25.9	*
Transient Cerebral Ischemia	1	0.0	1.2	*	0.0	2.8	*	0.0	4.5	*
Stroke	0									
Hip Fracture	0									
Sepsis	8	0.0	15.9	*	12.5	22.4	*	12.5	27.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	572
Ownership/Control	Private, Non-Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	10
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	Yes
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	Yes
Shock Trauma	Yes

**** Not used in calculating hospital mortality rates.**

ILLINOIS VETERANS HOME

Medicare Provider Number: 140273

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	167	15.6	12.5	4.0	24.0	19.5	4.9	29.9	24.9	6.2
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	10	60.0	22.0	*	70.0	34.7	*	70.0	43.8	*
Pneumonia/Influenza	25	20.0	15.0	*	28.0	21.4	*	32.0	26.0	*
Chronic Obstructive Pulmonary Disease	10	10.0	5.4	*	20.0	11.3	*	20.0	17.0	*
Transient Cerebral Ischemia	1	0.0	1.8	*	0.0	3.6	*	0.0	5.5	*
Stroke	5	0.0	20.8	*	20.0	25.9	*	40.0	30.3	*
Hip Fracture	0									
Sepsis	6	16.7	16.8	*	16.7	23.9	*	33.3	29.0	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	191	17.8	11.7	6.2	25.7	18.3	8.5	31.9	23.6	12.3
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	38.1	*	60.0	41.6	*	60.0	45.9	*
Congestive Heart Failure	5	40.0	19.4	*	40.0	30.0	*	40.0	38.0	*
Pneumonia/Influenza	28	32.1	18.4	*	35.7	25.7	*	39.3	31.0	*
Chronic Obstructive Pulmonary Disease	11	9.1	5.2	*	18.2	11.8	*	18.2	18.3	*
Transient Cerebral Ischemia	3	0.0	1.7	*	33.3	3.8	*	33.3	6.1	*
Stroke	4	75.0	26.5	*	75.0	34.5	*	75.0	40.2	*
Hip Fracture	1	0.0	4.8	*	0.0	8.8	*	0.0	11.8	*
Sepsis	2	0.0	20.1	*	50.0	28.7	*	50.0	35.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

INGALLS MEMORIAL HOSPITAL

One Ingalls Drive
Harvey, IL 60426

Medicare Provider Number: 140191

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	3,763	8.5	8.6	0.7	13.6	13.5	0.7	17.3	17.4	0.6
CONDITIONS:										
Acute Myocardial Infarction	96	33.3	26.8	7.7	36.5	30.7	7.4	38.5	34.4	6.5
Congestive Heart Failure	235	9.8	14.0	3.1	20.0	21.9	3.9	28.9	28.5	3.2
Pneumonia/Influenza	142	14.1	17.2	4.5	21.8	23.4	4.0	29.6	28.2	3.9
Chronic Obstructive Pulmonary Disease	30	10.0	6.2	*	16.7	10.4	*	20.0	14.2	*
Transient Cerebral Ischemia	101	2.0	1.9	1.4	7.9	4.2	2.8	11.9	6.8	4.4
Stroke	160	11.9	18.8	4.7	18.8	25.1	4.7	25.6	29.4	4.1
Hip Fracture	58	5.2	6.2	3.3	12.1	10.9	5.9	12.1	14.0	6.9
Sepsis	32	43.8	33.5	*	53.1	42.6	*	53.1	48.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	2	0.0	3.8	*	0.0	5.6	*	0.0	6.9	*
Initial Pacemaker Insertion	29	3.4	3.6	*	3.4	6.1	*	3.4	8.4	*
Carotid Endarterectomy	5	0.0	1.3	*	0.0	2.3	*	0.0	3.3	*
Hip Replacement/Reconstruction	46	2.2	2.3	*	4.3	4.3	*	4.3	6.0	*
Open Reduction of Hip Fracture	9	0.0	5.8	*	11.1	10.4	*	11.1	13.4	*
Prostatectomy	107	2.8	1.2	1.9	3.7	2.7	2.2	4.7	4.5	2.1
Cholecystectomy	73	8.2	3.7	3.6	11.0	6.6	4.3	12.3	8.5	4.4
Hysterectomy	28	3.6	0.8	*	3.6	1.6	*	3.6	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	579
Occupancy Rate	70
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	326
Percent of Physicians Board Certified Specialists	72
Medical Residents/Interns	0
Registered Nurses	435
Licensed Practical Nurses	22

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

INGALLS MEMORIAL HOSPITAL

Medicare Provider Number: 140191

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,991	8.8	9.1	0.6	13.9	14.1	0.6	18.1	17.9	0.7
CONDITIONS:										
Acute Myocardial Infarction	99	25.3	25.1	4.5	30.3	28.4	5.1	33.3	31.7	4.9
Congestive Heart Failure	219	17.8	15.5	2.7	28.3	23.5	3.7	32.4	30.1	3.3
Pneumonia/Influenza	151	17.2	16.8	3.2	21.2	22.7	3.8	25.8	27.4	3.8
Chronic Obstructive Pulmonary Disease	27	3.7	5.8	*	3.7	10.5	*	11.1	14.7	*
Transient Cerebral Ischemia	87	0.0	2.2	2.4	1.1	4.7	3.8	5.7	7.3	3.1
Stroke	165	12.1	20.8	4.3	16.4	27.8	5.2	21.8	32.4	5.2
Hip Fracture	64	10.9	8.5	5.8	20.3	15.0	8.4	23.4	18.9	9.1
Sepsis	46	28.3	24.1	*	34.8	31.6	*	37.0	37.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	16	6.3	5.3	*	12.5	8.4	*	12.5	11.3	*
Carotid Endarterectomy	19	0.0	1.6	*	0.0	3.2	*	0.0	4.7	*
Hip Replacement/Reconstruction	42	11.9	4.3	*	14.3	8.3	*	19.0	11.1	*
Open Reduction of Hip Fracture	12	0.0	7.8	*	8.3	14.2	*	8.3	18.1	*
Prostatectomy	135	0.0	1.2	1.7	0.7	3.0	3.4	4.4	5.0	3.2
Cholecystectomy	69	4.3	3.3	2.3	7.2	5.8	3.1	7.2	7.6	3.3
Hysterectomy	25	4.0	0.5	*	4.0	1.1	*	4.0	1.8	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,752	9.6	9.1	0.7	15.3	14.3	1.4	19.1	18.3	1.1
CONDITIONS:										
Acute Myocardial Infarction	94	33.0	26.2	7.9	39.4	29.9	8.3	42.6	33.3	8.9
Congestive Heart Failure	230	17.8	16.5	3.5	24.8	25.0	2.9	31.7	32.0	3.1
Pneumonia/Influenza	118	20.3	17.1	5.1	25.4	23.1	4.8	27.1	27.9	4.3
Chronic Obstructive Pulmonary Disease	40	7.5	9.0	*	15.0	15.3	*	20.0	20.3	*
Transient Cerebral Ischemia	93	3.2	1.8	2.0	3.2	3.8	2.2	4.3	6.0	3.5
Stroke	143	12.6	19.6	5.2	18.2	27.0	6.2	24.5	31.7	5.7
Hip Fracture	85	4.7	6.2	4.1	9.4	11.1	5.3	11.8	14.3	5.2
Sepsis	34	32.4	28.2	*	41.2	37.4	*	47.1	44.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	19	0.0	3.6	*	0.0	7.0	*	0.0	9.8	*
Carotid Endarterectomy	13	0.0	2.0	*	0.0	4.0	*	0.0	5.8	*
Hip Replacement/Reconstruction	50	4.0	3.1	*	6.0	5.8	*	8.0	7.6	*
Open Reduction of Hip Fracture	19	5.3	5.0	*	5.3	9.7	*	10.5	13.0	*
Prostatectomy	137	2.2	1.4	1.2	2.2	3.3	1.8	3.6	5.4	2.4
Cholecystectomy	62	1.6	3.0	3.8	8.1	5.1	3.4	9.7	6.6	5.4
Hysterectomy	16	6.3	0.5	*	6.3	1.0	*	12.5	1.5	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

171.1

INGALLS

Ingalls Memorial Hospital
One Ingalls Drive, Harvey, Illinois 60426
708-333-2300

MEDICAL STAFF

January 11, 1991

Health Standards & Quality Bureau
HCFA
Attn: Mrs. Sandra Kappert
2-D-2 Meadow East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Sirs:

Ingalls Memorial Hospital is the leader in quality health care in our area. Central to this high-energy, ongoing effort is a strong Quality Assurance Program. As part of this dedication, we strongly support the release of meaningful healthcare data to consumers to make informed decisions.

Analysis of the data you have compiled about our hospital was checked against our records, and was found to be 98.6% accurate. Given the large volume in your statistical release, this is remarkable.

The objection we have to the release of such statistical data is the mistaken perceptions that can be drawn by the public, who lacks the background knowledge needed to interpret the findings. We know you publish these data with a disclaimer; unfortunately, we also know this disclaimer is largely ignored.

The background knowledge needed to correctly view this mortality data includes a understanding of the limitations of the study. Some of the most obvious faults are:

1. The inclusion of deaths after the patient leaves the hospital. As a statistical device to adjust for differing lengths of stay (LOS) in different hospitals, it may have a rationale; however, by statistical linkage, it seems to attribute these deaths to hospital care, which in reality may be largely a function of the management of the patient at home, or in a nursing home. The long intervals of 90 and 180 days are especially tenuous connections.

2. The more serious limitation of the HCFA Mortality Data is the lack of available clinical data to adjust for the patient's risk of dying at the time of admission to the hospital. These include:

- The patient's general health state
- The state of disease
- The level of physiologic imbalance
- The patient's functional status
- The psychosocial status
- Patient or family instructions on treatment
- Instructions on resuscitation

Quality Assurance efforts at our hospital are sensitive to mortality data. All deaths are reviewed by Physician Committees. Integral to the Peer Review process is the use of "MedisGroups". This tool is clinically based, does not depend on a diagnosis (which is usually unavailable on admission), provides mortality rates by DRG, and allows a comparison to a large data base compiled of data from a large number of similar hospitals.

Of the 16 categories listed in the HCFA mortality study (8 conditions, 8 procedures), Ingalls Hospital showed fewer deaths than predicted in 4 conditions (congestive heart failure, pneumonia/influenza, stroke, and hip fracture). In 1 condition and 2 procedures, we showed more deaths than predicted (acute myocardial infarction, prostatectomy, and cholecystectomy). The remaining 9 categories were either neutral ("observed" equaled "predicted"), or too few cases were reported to be statistically valid.

A review of prostatectomy (one adverse procedure), may be a statistical anomaly. Were there only one less mortality (out of 107 cases), the "observed" and "predicted" mortality would almost match.

The remaining 2 conditions with adverse mortality reporting are "acute myocardial infarction" and "cholecystectomy". These are both closely tracked by the QA process. There is reason to believe that an adverse patient selection has skewed these results.

We have MedisGroups discharge data for "acute myocardial infarction" for a period of 1/1/89 - 12/31/89 which covered 118 patients. The severity index showed these patients were between 2.71 to 3.15 times more acutely ill in the first 72 hours than the established norm of other data base hospitals. This clinical data-screening tool takes into account many risk factors not available to the "HCFA Mortality Study", and comes to the same conclusion.

There are 3 factors which play a role in the adverse patient selection demonstrated above.

1. The hospital is a regional center with strong cardiology and cardiac surgery services. It handles the more difficult cases.

IROQUOIS MEMORIAL HOSPITAL

200 Fairman Street
Watseka, IL 60970

Medicare Provider Number: 140167

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	580	7.2	10.2	2.8	12.1	14.9	2.9	15.7	18.7	3.1
CONDITIONS:										
Acute Myocardial Infarction	20	20.0	32.5	*	20.0	36.0	*	20.0	39.8	*
Congestive Heart Failure	43	20.9	17.2	*	30.2	25.7	*	34.9	32.7	*
Pneumonia/Influenza	60	5.0	18.1	7.3	11.7	23.8	7.4	18.3	28.3	7.1
Chronic Obstructive Pulmonary Disease	7	0.0	5.2	*	0.0	9.8	*	0.0	14.1	*
Transient Cerebral Ischemia	10	0.0	3.0	*	0.0	6.8	*	0.0	10.8	*
Stroke	23	17.4	20.1	*	21.7	26.1	*	21.7	30.6	*
Hip Fracture	5	20.0	6.7	*	40.0	12.6	*	60.0	16.8	*
Sepsis	10	20.0	31.1	*	30.0	41.1	*	30.0	47.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	9.3	*	0.0	16.3	*	0.0	22.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	33.3	3.8	*	33.3	8.2	*	66.7	11.7	*
Open Reduction of Hip Fracture	1	0.0	6.3	*	0.0	12.2	*	0.0	16.1	*
Prostatectomy	20	0.0	0.9	*	5.0	2.1	*	10.0	3.5	*
Cholecystectomy	4	0.0	3.2	*	0.0	5.2	*	0.0	6.4	*
Hysterectomy	4	0.0	0.5	*	0.0	1.0	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	119
Occupancy Rate	56
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	15
Percent of Physicians Board Certified Specialists	40
Medical Residents/Interns	0
Registered Nurses	50
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

IROQUOIS MEMORIAL HOSPITAL

Medicare Provider Number: 140167

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	637	10.4	12.0	1.6	15.2	17.2	2.0	19.5	21.2	1.9
CONDITIONS:										
Acute Myocardial Infarction	28	28.6	41.6	*	28.6	45.4	*	32.1	49.5	*
Congestive Heart Failure	46	17.4	20.9	*	19.6	31.3	*	32.6	39.2	*
Pneumonia/Influenza	56	17.9	22.8	7.6	26.8	29.6	6.4	35.7	34.5	7.1
Chronic Obstructive Pulmonary Disease	8	25.0	5.8	*	25.0	10.2	*	50.0	14.3	*
Transient Cerebral Ischemia	18	0.0	2.4	*	5.6	5.2	*	5.6	8.3	*
Stroke	24	25.0	20.9	*	33.3	27.5	*	37.5	32.3	*
Hip Fracture	7	0.0	6.0	*	0.0	11.0	*	0.0	14.2	*
Sepsis	8	25.0	31.0	*	25.0	38.4	*	25.0	44.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	17.3	*	0.0	22.8	*	0.0	27.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	6.9	*	0.0	13.1	*	0.0	16.6	*
Open Reduction of Hip Fracture	3	0.0	4.1	*	0.0	7.4	*	0.0	9.6	*
Prostatectomy	24	0.0	1.8	*	0.0	3.2	*	0.0	4.6	*
Cholecystectomy	16	0.0	2.1	*	0.0	3.8	*	0.0	4.9	*
Hysterectomy	4	0.0	1.0	*	0.0	2.1	*	0.0	3.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	649	10.2	11.4	4.5	14.5	16.4	5.9	16.8	20.5	7.8
CONDITIONS:										
Acute Myocardial Infarction	28	42.9	35.5	*	46.4	38.7	*	46.4	42.4	*
Congestive Heart Failure	47	14.9	19.4	*	23.4	29.3	*	27.7	37.0	*
Pneumonia/Influenza	57	19.3	19.9	5.4	24.6	26.1	6.3	31.6	30.9	6.3
Chronic Obstructive Pulmonary Disease	8	12.5	10.7	*	25.0	16.7	*	25.0	21.4	*
Transient Cerebral Ischemia	13	0.0	2.2	*	15.4	4.8	*	15.4	7.8	*
Stroke	18	33.3	25.9	*	38.9	33.6	*	38.9	38.8	*
Hip Fracture	10	10.0	4.9	*	10.0	9.1	*	10.0	12.1	*
Sepsis	10	10.0	23.5	*	30.0	30.4	*	30.0	36.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	50.0	6.2	*	50.0	11.3	*	50.0	14.6	*
Open Reduction of Hip Fracture	5	0.0	3.6	*	0.0	6.6	*	0.0	8.8	*
Prostatectomy	25	0.0	0.7	*	0.0	1.7	*	0.0	2.9	*
Cholecystectomy	15	6.7	1.6	*	6.7	2.9	*	20.0	3.8	*
Hysterectomy	4	0.0	1.2	*	0.0	2.6	*	0.0	4.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

JACKSON PARK HOSPITAL FOUNDATION

7531 S Stoney Island Ave
Chicago, IL 60649

Medicare Provider Number: 140177

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	813	12.5	11.1	1.4	18.9	16.9	1.8	24.1	21.3	2.1
CONDITIONS:										
Acute Myocardial Infarction	26	19.2	24.7	*	26.9	27.5	*	30.8	30.5	*
Congestive Heart Failure	72	12.5	14.4	5.1	18.1	22.5	6.4	25.0	29.2	8.0
Pneumonia/Influenza	21	19.0	15.4	*	28.6	21.3	*	42.9	26.0	*
Chronic Obstructive Pulmonary Disease	5	20.0	9.6	*	20.0	15.7	*	40.0	21.3	*
Transient Cerebral Ischemia	20	0.0	1.8	*	10.0	4.0	*	10.0	6.3	*
Stroke	60	21.7	23.0	6.8	26.7	29.6	6.4	33.3	34.3	6.2
Hip Fracture	8	12.5	12.7	*	12.5	21.0	*	25.0	26.0	*
Sepsis	12	41.7	18.4	*	50.0	26.6	*	58.3	32.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	7.6	*	33.3	14.3	*	33.3	20.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	9.3	*	0.0	16.1	*	0.0	20.4	*
Open Reduction of Hip Fracture	0									
Prostatectomy	18	5.6	1.9	*	11.1	4.5	*	16.7	7.2	*
Cholecystectomy	4	0.0	4.7	*	0.0	6.2	*	0.0	6.7	*
Hysterectomy	1	0.0	0.7	*	0.0	1.2	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	265
Occupancy Rate	56
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	57
Percent of Physicians Board Certified Specialists	54
Medical Residents/Interns	12
Registered Nurses	137
Licensed Practical Nurses	35

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

JACKSON PARK HOSPITAL FOUNDATION

Medicare Provider Number: 140177

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	918	12.3	10.2	1.4	18.6	15.3	1.7	22.4	19.3	1.8
CONDITIONS:										
Acute Myocardial Infarction	22	40.9	30.7	*	54.5	34.1	*	59.1	37.7	*
Congestive Heart Failure	61	9.8	13.5	5.2	18.0	20.9	6.4	19.7	27.3	9.7
Pneumonia/Influenza	23	17.4	17.8	*	17.4	24.5	*	26.1	29.5	*
Chronic Obstructive Pulmonary Disease	7	28.6	7.8	*	28.6	13.7	*	28.6	18.7	*
Transient Cerebral Ischemia	27	3.7	2.2	*	11.1	4.7	*	14.8	7.3	*
Stroke	62	27.4	23.2	6.4	33.9	28.9	8.4	38.7	33.2	9.5
Hip Fracture	9	11.1	9.3	*	22.2	16.2	*	22.2	20.1	*
Sepsis	5	20.0	29.5	*	40.0	37.4	*	40.0	43.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	1	100.0	1.5	*	100.0	3.0	*	100.0	4.3	*
Hip Replacement/Reconstruction	5	0.0	4.7	*	0.0	8.7	*	0.0	11.2	*
Open Reduction of Hip Fracture	4	25.0	12.6	*	50.0	23.2	*	50.0	29.1	*
Prostatectomy	19	0.0	1.8	*	5.3	4.4	*	15.8	7.1	*
Cholecystectomy	8	12.5	3.4	*	12.5	5.7	*	12.5	7.3	*
Hysterectomy	1	0.0	6.7	*	100.0	15.4	*	100.0	23.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	816	13.8	10.4	2.5	19.7	15.5	6.8	23.5	19.5	8.5
CONDITIONS:										
Acute Myocardial Infarction	22	54.5	34.9	*	59.1	38.6	*	59.1	42.2	*
Congestive Heart Failure	68	11.8	15.8	5.0	25.0	24.0	6.8	30.9	31.0	5.6
Pneumonia/Influenza	12	16.7	16.6	*	33.3	22.7	*	41.7	27.5	*
Chronic Obstructive Pulmonary Disease	16	18.8	15.6	*	18.8	25.0	*	37.5	31.6	*
Transient Cerebral Ischemia	33	0.0	3.5	*	0.0	7.3	*	0.0	10.7	*
Stroke	56	35.7	24.0	8.8	42.9	30.1	9.0	46.4	34.5	8.9
Hip Fracture	16	6.3	7.0	*	12.5	11.9	*	18.8	15.0	*
Sepsis	14	57.1	22.0	*	57.1	31.0	*	57.1	37.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	9.4	*	0.0	15.9	*	20.0	21.0	*
Carotid Endarterectomy	1	0.0	0.9	*	0.0	1.5	*	0.0	2.1	*
Hip Replacement/Reconstruction	6	0.0	6.2	*	0.0	10.6	*	0.0	13.4	*
Open Reduction of Hip Fracture	8	12.5	5.9	*	12.5	10.8	*	25.0	14.0	*
Prostatectomy	26	7.7	2.5	*	7.7	6.2	*	11.5	10.1	*
Cholecystectomy	6	16.7	3.9	*	16.7	6.3	*	16.7	7.4	*
Hysterectomy	1	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

JERSEY COMMUNITY HOSPITAL DISTRICT

400 Maple Summit Road
Jerseyville, IL 62052

Medicare Provider Number: 140059

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	600	11.5	9.2	1.5	15.5	13.7	2.1	20.7	17.5	2.1
CONDITIONS:										
Acute Myocardial Infarction	16	18.8	26.0	*	18.8	28.7	*	25.0	32.1	*
Congestive Heart Failure	42	11.9	14.3	*	16.7	22.3	*	23.8	29.2	*
Pneumonia/Influenza	104	16.3	13.2	4.7	20.2	18.2	4.5	24.0	22.5	4.8
Chronic Obstructive Pulmonary Disease	4	0.0	5.2	*	0.0	9.7	*	25.0	14.3	*
Transient Cerebral Ischemia	7	0.0	2.3	*	14.3	5.3	*	28.6	8.5	*
Stroke	19	36.8	17.9	*	47.4	25.0	*	52.6	29.7	*
Hip Fracture	19	15.8	5.6	*	21.1	10.5	*	26.3	14.0	*
Sepsis	9	33.3	29.3	*	44.4	34.5	*	44.4	40.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	16.7	5.5	*	16.7	10.4	*	16.7	13.7	*
Open Reduction of Hip Fracture	12	16.7	4.7	*	25.0	9.4	*	33.3	12.8	*
Prostatectomy	6	0.0	1.6	*	0.0	4.2	*	0.0	7.5	*
Cholecystectomy	6	16.7	5.8	*	16.7	10.4	*	33.3	12.8	*
Hysterectomy	1	0.0	1.4	*	0.0	3.7	*	0.0	6.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	67
Occupancy Rate	46
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	14
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	38
Licensed Practical Nurses	19

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

JERSEY COMMUNITY HOSPITAL DISTRICT

Medicare Provider Number: 140059

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	579	10.7	10.1	1.6	14.5	14.9	1.6	18.8	18.7	1.6
CONDITIONS:										
Acute Myocardial Infarction	14	35.7	29.9	*	35.7	32.9	*	42.9	36.2	*
Congestive Heart Failure	30	26.7	16.0	*	26.7	24.4	*	30.0	31.5	*
Pneumonia/Influenza	78	12.8	15.3	5.0	19.2	21.3	4.9	28.2	25.8	5.7
Chronic Obstructive Pulmonary Disease	7	14.3	7.6	*	14.3	13.4	*	14.3	19.1	*
Transient Cerebral Ischemia	17	0.0	1.7	*	0.0	3.6	*	5.9	5.6	*
Stroke	31	32.3	20.9	*	32.3	28.4	*	41.9	33.1	*
Hip Fracture	11	18.2	6.4	*	18.2	11.6	*	27.3	15.0	*
Sepsis	5	40.0	33.7	*	40.0	43.1	*	40.0	50.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	33.3	3.7	*	33.3	6.6	*	33.3	8.6	*
Open Reduction of Hip Fracture	7	14.3	6.5	*	14.3	12.5	*	28.6	16.5	*
Prostatectomy	10	10.0	1.3	*	10.0	3.4	*	20.0	6.0	*
Cholecystectomy	13	0.0	6.1	*	0.0	10.7	*	0.0	13.5	*
Hysterectomy	5	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	552	11.1	10.4	4.0	15.0	15.5	3.1	17.9	19.4	2.2
CONDITIONS:										
Acute Myocardial Infarction	15	20.0	26.8	*	20.0	29.8	*	20.0	33.1	*
Congestive Heart Failure	41	24.4	17.7	*	34.1	26.3	*	36.6	33.2	*
Pneumonia/Influenza	65	16.9	14.9	5.0	18.5	20.5	5.3	24.6	25.0	5.4
Chronic Obstructive Pulmonary Disease	3	0.0	6.1	*	0.0	11.0	*	0.0	15.2	*
Transient Cerebral Ischemia	18	0.0	2.0	*	0.0	4.5	*	0.0	7.3	*
Stroke	25	20.0	20.0	*	28.0	27.1	*	28.0	32.0	*
Hip Fracture	15	6.7	6.9	*	13.3	12.5	*	13.3	16.2	*
Sepsis	5	40.0	35.9	*	60.0	42.1	*	60.0	48.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	14.3	5.7	*	28.6	10.5	*	28.6	13.8	*
Open Reduction of Hip Fracture	8	0.0	6.4	*	0.0	12.5	*	0.0	16.7	*
Prostatectomy	15	0.0	1.0	*	0.0	2.2	*	0.0	3.4	*
Cholecystectomy	12	8.3	2.2	*	8.3	4.3	*	8.3	6.0	*
Hysterectomy	7	0.0	0.6	*	0.0	1.0	*	0.0	1.3	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

JOHN AND MARY KIRBY HOSPITAL

1111 North State Street
Monticello, IL 61856

Medicare Provider Number: 140230

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	194	9.3	11.4	7.9	14.9	17.4	8.7	19.1	22.0	10.7
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	35.6	*	33.3	39.0	*	33.3	42.9	*
Congestive Heart Failure	15	6.7	14.0	*	6.7	21.8	*	13.3	28.5	*
Pneumonia/Influenza	12	8.3	19.6	*	25.0	26.6	*	25.0	31.5	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.2	*	0.0	9.1	*	0.0	14.1	*
Transient Cerebral Ischemia	3	0.0	2.1	*	0.0	5.0	*	0.0	8.1	*
Stroke	10	40.0	27.9	*	40.0	35.7	*	50.0	40.8	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	1.1	*	0.0	1.6	*	0.0	2.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	18
Occupancy Rate	50
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	31
Percent of Physicians Board Certified Specialists	97
Medical Residents/Interns	0
Registered Nurses	13
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

JOHN AND MARY KIRBY HOSPITAL

Medicare Provider Number: 140230

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	181	11.6	11.2	2.4	17.1	17.3	3.1	21.0	22.1	4.3
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	17	17.6	16.4	*	23.5	25.2	*	29.4	32.3	*
Pneumonia/Influenza	15	26.7	18.0	*	33.3	25.1	*	40.0	30.3	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	1.1	*	0.0	2.2	*	0.0	3.4	*
Stroke	12	16.7	22.1	*	16.7	29.1	*	25.0	34.1	*
Hip Fracture	1	0.0	6.7	*	0.0	13.0	*	0.0	17.4	*
Sepsis	2	0.0	20.5	*	0.0	25.0	*	0.0	30.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	1.9	*	0.0	3.2	*	0.0	4.1	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	211	10.4	10.8	7.7	17.1	16.8	7.7	21.3	21.5	4.2
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	32.8	*	66.7	36.2	*	66.7	39.8	*
Congestive Heart Failure	11	18.2	15.3	*	18.2	22.2	*	27.3	28.4	*
Pneumonia/Influenza	11	27.3	16.3	*	27.3	22.2	*	27.3	27.0	*
Chronic Obstructive Pulmonary Disease	5	0.0	7.2	*	0.0	13.5	*	20.0	19.3	*
Transient Cerebral Ischemia	5	0.0	2.0	*	20.0	4.3	*	20.0	6.9	*
Stroke	14	14.3	27.1	*	35.7	37.1	*	42.9	42.7	*
Hip Fracture	1	0.0	2.4	*	0.0	4.5	*	0.0	6.2	*
Sepsis	2	0.0	46.9	*	0.0	56.8	*	50.0	62.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	0.9	*	0.0	1.7	*	0.0	2.3	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

KATHERINE SHAW BETHEA HOSPITAL

403 E 1st St
Dixon, IL 61021

Medicare Provider Number: 140012

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	866	10.7	9.3	1.3	14.9	13.9	1.4	19.2	17.7	1.7
CONDITIONS:										
Acute Myocardial Infarction	39	25.6	26.1	*	35.9	30.1	*	48.7	33.8	*
Congestive Heart Failure	43	20.9	15.7	*	25.6	24.0	*	32.6	30.9	*
Pneumonia/Influenza	27	25.9	15.6	*	25.9	21.6	*	25.9	26.1	*
Chronic Obstructive Pulmonary Disease	12	0.0	5.0	*	8.3	9.2	*	16.7	13.1	*
Transient Cerebral Ischemia	17	0.0	2.0	*	5.9	4.4	*	5.9	7.1	*
Stroke	30	30.0	23.2	*	33.3	28.6	*	36.7	32.8	*
Hip Fracture	24	12.5	7.1	*	12.5	12.7	*	16.7	16.3	*
Sepsis	18	27.8	19.2	*	27.8	27.8	*	44.4	33.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	1.5	*	0.0	3.5	*	0.0	5.5	*
Carotid Endarterectomy	14	0.0	1.6	*	0.0	2.9	*	0.0	4.4	*
Hip Replacement/Reconstruction	15	0.0	4.5	*	0.0	8.6	*	6.7	11.5	*
Open Reduction of Hip Fracture	10	0.0	7.4	*	0.0	13.6	*	0.0	17.7	*
Prostatectomy	22	0.0	1.0	*	0.0	2.2	*	4.5	3.6	*
Cholecystectomy	15	6.7	2.8	*	6.7	4.8	*	6.7	6.2	*
Hysterectomy	9	0.0	1.1	*	0.0	2.5	*	0.0	3.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	121
Occupancy Rate	39
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	35
Percent of Physicians Board Certified Specialists	71
Medical Residents/Interns	0
Registered Nurses	85
Licensed Practical Nurses	20

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

KATHERINE SHAW BETHEA HOSPITAL

Medicare Provider Number: 140012

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	862	10.8	9.3	1.7	15.1	13.9	1.8	17.9	17.6	1.7
CONDITIONS:										
Acute Myocardial Infarction	24	33.3	26.1	*	41.7	29.6	*	45.8	33.2	*
Congestive Heart Failure	34	14.7	16.7	*	26.5	25.4	*	38.2	32.4	*
Pneumonia/Influenza	32	28.1	17.9	*	37.5	23.8	*	40.6	28.3	*
Chronic Obstructive Pulmonary Disease	3	33.3	6.5	*	66.7	13.6	*	66.7	20.7	*
Transient Cerebral Ischemia	21	4.8	1.7	*	4.8	3.7	*	4.8	5.7	*
Stroke	35	14.3	22.7	*	17.1	28.3	*	20.0	32.8	*
Hip Fracture	41	9.8	6.8	*	19.5	12.7	*	19.5	16.4	*
Sepsis	11	27.3	22.7	*	27.3	28.6	*	27.3	33.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	33.3	15.5	*	33.3	24.9	*	33.3	29.9	*
Carotid Endarterectomy	10	0.0	1.6	*	0.0	3.1	*	0.0	4.6	*
Hip Replacement/Reconstruction	19	5.3	4.1	*	15.8	8.3	*	21.1	11.0	*
Open Reduction of Hip Fracture	19	5.3	6.4	*	15.8	12.4	*	15.8	16.4	*
Prostatectomy	21	0.0	1.0	*	0.0	2.3	*	0.0	3.8	*
Cholecystectomy	22	4.5	3.9	*	4.5	6.6	*	4.5	8.3	*
Hysterectomy	4	0.0	0.4	*	0.0	0.8	*	0.0	1.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	884	10.3	9.2	2.8	14.9	13.7	3.3	18.8	17.4	3.7
CONDITIONS:										
Acute Myocardial Infarction	31	25.8	22.5	*	35.5	25.7	*	41.9	29.0	*
Congestive Heart Failure	53	18.9	18.4	5.4	26.4	27.3	6.2	34.0	34.5	7.1
Pneumonia/Influenza	31	22.6	14.1	*	29.0	18.9	*	29.0	22.7	*
Chronic Obstructive Pulmonary Disease	6	33.3	10.0	*	50.0	16.4	*	50.0	21.7	*
Transient Cerebral Ischemia	23	4.3	2.1	*	4.3	4.6	*	4.3	7.2	*
Stroke	32	25.0	23.5	*	37.5	29.8	*	40.6	34.6	*
Hip Fracture	36	2.8	5.5	*	2.8	10.1	*	5.6	13.3	*
Sepsis	17	41.2	31.7	*	52.9	39.8	*	52.9	45.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	7.4	*	0.0	10.8	*	0.0	13.2	*
Carotid Endarterectomy	12	0.0	1.5	*	8.3	2.8	*	8.3	4.1	*
Hip Replacement/Reconstruction	18	5.6	3.7	*	5.6	7.3	*	11.1	9.9	*
Open Reduction of Hip Fracture	14	0.0	5.3	*	0.0	10.0	*	0.0	13.2	*
Prostatectomy	19	0.0	0.9	*	5.3	2.1	*	5.3	3.4	*
Cholecystectomy	10	0.0	2.3	*	0.0	4.7	*	10.0	6.8	*
Hysterectomy	8	0.0	0.9	*	0.0	2.2	*	0.0	3.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

KEWANEE PUBLIC HOSPITAL

719 Elliott St
Kewanee, IL 61443

Medicare Provider Number: 140036

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	697	8.2	9.7	1.6	13.8	14.7	1.6	18.1	18.9	1.7
CONDITIONS:										
Acute Myocardial Infarction	23	17.4	24.5	*	17.4	28.2	*	21.7	31.9	*
Congestive Heart Failure	49	16.3	16.9	*	22.4	26.1	*	32.7	33.4	*
Pneumonia/Influenza	41	9.8	17.9	*	17.1	24.4	*	19.5	29.3	*
Chronic Obstructive Pulmonary Disease	22	4.5	4.8	*	4.5	9.4	*	9.1	13.9	*
Transient Cerebral Ischemia	8	0.0	2.8	*	25.0	6.6	*	25.0	10.8	*
Stroke	40	22.5	23.0	*	30.0	29.7	*	32.5	34.4	*
Hip Fracture	12	8.3	10.3	*	8.3	18.4	*	8.3	23.5	*
Sepsis	6	16.7	27.3	*	33.3	38.5	*	66.7	46.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	6	0.0	1.8	*	0.0	3.3	*	0.0	4.9	*
Hip Replacement/Reconstruction	3	0.0	4.0	*	0.0	8.1	*	0.0	11.4	*
Open Reduction of Hip Fracture	6	0.0	7.8	*	0.0	13.1	*	0.0	16.3	*
Prostatectomy	22	4.5	1.3	*	9.1	3.1	*	9.1	5.2	*
Cholecystectomy	10	0.0	1.4	*	0.0	2.3	*	0.0	2.9	*
Hysterectomy	3	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	60
Occupancy Rate	47
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	18
Percent of Physicians Board Certified Specialists	83
Medical Residents/Interns	0
Registered Nurses	54
Licensed Practical Nurses	17

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

KEWANEE PUBLIC HOSPITAL

Medicare Provider Number: 140036

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	822	10.0	10.9	1.5	16.4	16.2	1.4	20.4	20.3	1.4
CONDITIONS:										
Acute Myocardial Infarction	32	21.9	35.0	*	25.0	39.5	*	28.1	43.8	*
Congestive Heart Failure	56	16.1	17.7	6.0	28.6	27.3	6.4	35.7	34.8	6.5
Pneumonia/Influenza	55	18.2	19.1	6.0	21.8	25.3	8.8	23.6	30.1	11.5
Chronic Obstructive Pulmonary Disease	18	5.6	5.9	*	11.1	11.6	*	11.1	16.4	*
Transient Cerebral Ischemia	12	8.3	2.1	*	8.3	5.1	*	16.7	8.2	*
Stroke	37	35.1	26.1	*	48.6	32.7	*	51.4	37.6	*
Hip Fracture	16	6.3	7.6	*	25.0	13.9	*	25.0	17.7	*
Sepsis	3	0.0	26.8	*	33.3	32.4	*	33.3	37.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	10	20.0	1.4	*	20.0	2.7	*	20.0	4.0	*
Hip Replacement/Reconstruction	6	16.7	8.0	*	33.3	15.3	*	33.3	19.6	*
Open Reduction of Hip Fracture	8	0.0	6.0	*	25.0	11.4	*	25.0	15.1	*
Prostatectomy	20	10.0	1.2	*	15.0	3.1	*	15.0	5.2	*
Cholecystectomy	19	0.0	2.6	*	0.0	5.1	*	0.0	7.0	*
Hysterectomy	3	0.0	0.3	*	33.3	0.6	*	33.3	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	723	10.1	10.0	2.2	14.7	14.8	2.4	18.3	18.7	2.2
CONDITIONS:										
Acute Myocardial Infarction	30	23.3	26.9	*	26.7	31.6	*	30.0	35.7	*
Congestive Heart Failure	48	8.3	13.8	*	22.9	20.7	*	29.2	26.8	*
Pneumonia/Influenza	75	12.0	16.4	9.1	17.3	22.0	7.5	22.7	26.8	7.5
Chronic Obstructive Pulmonary Disease	13	7.7	5.9	*	7.7	10.8	*	7.7	15.2	*
Transient Cerebral Ischemia	9	0.0	1.7	*	0.0	3.6	*	0.0	5.7	*
Stroke	27	18.5	21.5	*	25.9	28.2	*	33.3	32.7	*
Hip Fracture	20	5.0	5.4	*	5.0	10.0	*	5.0	13.2	*
Sepsis	4	25.0	23.9	*	50.0	31.0	*	50.0	36.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	7	0.0	1.7	*	0.0	3.4	*	0.0	5.0	*
Hip Replacement/Reconstruction	7	0.0	4.6	*	0.0	9.1	*	0.0	12.5	*
Open Reduction of Hip Fracture	12	8.3	5.0	*	8.3	9.5	*	8.3	12.5	*
Prostatectomy	13	7.7	1.6	*	7.7	4.0	*	7.7	6.8	*
Cholecystectomy	9	0.0	6.3	*	11.1	12.5	*	11.1	17.1	*
Hysterectomy	9	0.0	2.5	*	0.0	5.0	*	0.0	7.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

KISHWAUKEE COMMUNITY HOSPITAL

Rt 23 Bethany Road
De Kalb, IL 60115

Medicare Provider Number: 140286

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	854	8.5	8.3	1.2	12.6	12.7	1.4	16.5	16.2	1.5
CONDITIONS:										
Acute Myocardial Infarction	28	17.9	20.9	*	17.9	24.4	*	25.0	27.8	*
Congestive Heart Failure	46	17.4	15.4	*	21.7	23.4	*	30.4	30.2	*
Pneumonia/Influenza	27	14.8	14.7	*	14.8	19.7	*	22.2	23.8	*
Chronic Obstructive Pulmonary Disease	3	0.0	7.3	*	0.0	11.8	*	0.0	16.0	*
Transient Cerebral Ischemia	20	0.0	2.2	*	10.0	5.0	*	10.0	8.0	*
Stroke	31	22.6	22.7	*	25.8	28.4	*	25.8	32.7	*
Hip Fracture	28	7.1	7.6	*	10.7	13.5	*	17.9	17.2	*
Sepsis	11	36.4	18.4	*	45.5	26.4	*	45.5	32.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.0	*	0.0	2.1	*	0.0	3.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	21	0.0	3.1	*	4.8	5.7	*	9.5	7.4	*
Open Reduction of Hip Fracture	12	8.3	6.3	*	8.3	11.7	*	8.3	15.1	*
Prostatectomy	35	2.9	1.9	*	2.9	4.2	*	2.9	6.6	*
Cholecystectomy	17	0.0	3.5	*	0.0	6.5	*	0.0	8.5	*
Hysterectomy	13	0.0	0.4	*	0.0	0.7	*	7.7	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	129
Occupancy Rate	47
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	55
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	0
Registered Nurses	106
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

KISHWAUKEE COMMUNITY HOSPITAL

Medicare Provider Number: 140286

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,008	8.8	9.0	1.0	13.2	13.6	1.1	16.0	17.2	1.4
CONDITIONS:										
Acute Myocardial Infarction	50	32.0	25.6	*	36.0	28.8	*	38.0	32.2	*
Congestive Heart Failure	46	17.4	15.5	*	23.9	23.4	*	28.3	30.0	*
Pneumonia/Influenza	31	16.1	16.9	*	22.6	22.3	*	29.0	26.7	*
Chronic Obstructive Pulmonary Disease	2	0.0	11.4	*	0.0	15.6	*	0.0	19.7	*
Transient Cerebral Ischemia	23	4.3	2.6	*	8.7	5.8	*	8.7	9.2	*
Stroke	35	22.9	21.9	*	31.4	28.6	*	37.1	33.2	*
Hip Fracture	35	2.9	6.6	*	11.4	12.1	*	17.1	15.6	*
Sepsis	16	18.8	23.9	*	25.0	31.2	*	31.3	36.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	10.7	*	16.7	15.5	*	16.7	19.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	25	0.0	2.6	*	8.0	5.1	*	12.0	6.9	*
Open Reduction of Hip Fracture	20	5.0	6.9	*	15.0	13.0	*	15.0	16.9	*
Prostatectomy	62	1.6	1.4	1.8	3.2	3.4	2.7	4.8	5.5	3.1
Cholecystectomy	25	0.0	2.6	*	0.0	4.2	*	0.0	5.2	*
Hysterectomy	18	0.0	1.5	*	0.0	3.0	*	0.0	4.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	777	8.0	7.3	1.2	11.6	11.1	1.4	14.8	14.4	1.7
CONDITIONS:										
Acute Myocardial Infarction	35	34.3	26.3	*	37.1	29.1	*	42.9	32.2	*
Congestive Heart Failure	23	8.7	13.9	*	13.0	21.4	*	21.7	28.2	*
Pneumonia/Influenza	23	21.7	15.5	*	34.8	20.8	*	34.8	25.2	*
Chronic Obstructive Pulmonary Disease	8	0.0	7.5	*	0.0	12.2	*	12.5	16.6	*
Transient Cerebral Ischemia	11	0.0	1.6	*	0.0	3.4	*	0.0	5.3	*
Stroke	24	16.7	19.6	*	20.8	26.6	*	20.8	31.1	*
Hip Fracture	24	0.0	7.0	*	8.3	12.9	*	8.3	16.8	*
Sepsis	7	14.3	20.0	*	28.6	26.8	*	28.6	31.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.2	*	0.0	2.7	*	0.0	4.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	24	0.0	2.0	*	0.0	3.9	*	0.0	5.3	*
Open Reduction of Hip Fracture	13	0.0	7.5	*	15.4	14.2	*	15.4	18.6	*
Prostatectomy	66	0.0	0.6	1.2	1.5	1.5	1.7	3.0	2.6	2.3
Cholecystectomy	15	6.7	2.2	*	6.7	3.9	*	6.7	5.1	*
Hysterectomy	10	0.0	0.4	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LA GRANGE MEMORIAL HOSPITAL

5101 Willow Springs Rd
La Grange, IL 60525

Medicare Provider Number: 140065

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,181	9.8	9.2	0.8	15.8	14.2	1.3	19.4	18.1	1.0
CONDITIONS:										
Acute Myocardial Infarction	65	26.2	26.8	5.6	27.7	30.3	6.1	30.8	33.7	6.4
Congestive Heart Failure	143	17.5	14.9	3.3	27.3	22.9	5.0	38.5	29.7	6.3
Pneumonia/Influenza	87	18.4	16.5	4.2	24.1	22.5	5.4	34.5	27.3	6.3
Chronic Obstructive Pulmonary Disease	24	0.0	6.3	*	8.3	11.8	*	12.5	16.9	*
Transient Cerebral Ischemia	37	5.4	2.0	*	8.1	4.4	*	16.2	7.0	*
Stroke	94	14.9	21.2	6.8	26.6	28.4	5.1	29.8	33.1	6.1
Hip Fracture	72	8.3	6.5	3.9	12.5	11.7	3.8	13.9	15.3	4.4
Sepsis	9	55.6	28.9	*	55.6	36.8	*	55.6	43.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	3.8	*	14.3	6.8	*	14.3	9.7	*
Carotid Endarterectomy	8	0.0	1.4	*	0.0	2.5	*	0.0	3.6	*
Hip Replacement/Reconstruction	29	10.3	4.9	*	10.3	9.3	*	10.3	12.3	*
Open Reduction of Hip Fracture	20	5.0	6.4	*	10.0	11.9	*	15.0	15.5	*
Prostatectomy	61	0.0	0.8	1.3	1.6	1.9	2.0	1.6	3.3	2.9
Cholecystectomy	41	2.4	3.3	*	2.4	6.1	*	2.4	8.0	*
Hysterectomy	20	5.0	0.5	*	5.0	1.1	*	5.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	236
Occupancy Rate	69
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	171
Percent of Physicians Board Certified Specialists	81
Medical Residents/Interns	15
Registered Nurses	274
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

LA GRANGE MEMORIAL HOSPITAL

Medicare Provider Number: 140065

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,571	10.5	9.7	0.8	15.3	14.4	1.0	19.2	18.2	1.2
CONDITIONS:										
Acute Myocardial Infarction	90	23.3	27.9	6.6	25.6	31.6	7.9	27.8	35.3	8.9
Congestive Heart Failure	166	17.5	16.9	3.0	24.1	25.1	3.5	31.3	31.9	3.8
Pneumonia/Influenza	85	20.0	19.0	4.4	27.1	25.3	5.0	32.9	30.1	5.5
Chronic Obstructive Pulmonary Disease	28	14.3	6.6	*	17.9	11.8	*	25.0	16.3	*
Transient Cerebral Ischemia	40	2.5	2.3	*	2.5	5.1	*	5.0	7.9	*
Stroke	107	30.8	23.8	8.0	34.6	30.8	7.2	40.2	35.5	8.2
Hip Fracture	66	6.1	6.4	3.1	12.1	11.8	4.3	18.2	15.3	6.4
Sepsis	25	56.0	27.7	*	64.0	36.9	*	68.0	44.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	6.6	*	0.0	11.0	*	10.0	14.5	*
Carotid Endarterectomy	13	0.0	1.6	*	7.7	3.2	*	7.7	4.7	*
Hip Replacement/Reconstruction	35	2.9	3.7	*	5.7	7.1	*	11.4	9.4	*
Open Reduction of Hip Fracture	19	0.0	5.5	*	10.5	10.4	*	10.5	13.7	*
Prostatectomy	78	1.3	1.1	1.3	1.3	2.8	2.3	5.1	4.8	2.5
Cholecystectomy	55	9.1	3.0	4.1	10.9	5.2	4.4	10.9	6.8	4.4
Hysterectomy	18	5.6	0.4	*	5.6	0.7	*	5.6	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,331	10.2	10.0	0.7	15.6	14.7	1.0	18.4	18.5	1.3
CONDITIONS:										
Acute Myocardial Infarction	76	27.6	30.4	6.4	35.5	34.1	6.0	39.5	37.6	5.9
Congestive Heart Failure	147	17.7	16.8	3.2	23.8	25.1	3.9	29.3	32.0	5.6
Pneumonia/Influenza	86	20.9	21.1	6.7	33.7	28.4	6.5	33.7	34.1	5.5
Chronic Obstructive Pulmonary Disease	14	28.6	6.5	*	28.6	11.6	*	28.6	16.2	*
Transient Cerebral Ischemia	40	2.5	2.3	*	7.5	4.9	*	10.0	7.8	*
Stroke	107	22.4	25.4	4.9	29.9	32.2	5.0	32.7	36.8	6.5
Hip Fracture	64	6.3	8.8	4.4	15.6	15.2	4.8	18.8	19.0	5.9
Sepsis	23	34.8	30.7	*	52.2	38.6	*	56.5	44.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	17	0.0	5.8	*	0.0	10.0	*	5.9	13.2	*
Carotid Endarterectomy	8	0.0	1.5	*	0.0	2.7	*	0.0	3.7	*
Hip Replacement/Reconstruction	25	4.0	5.0	*	12.0	9.6	*	12.0	12.8	*
Open Reduction of Hip Fracture	26	7.7	9.7	*	15.4	17.3	*	19.2	21.6	*
Prostatectomy	57	0.0	0.9	1.5	0.0	2.2	2.7	1.8	3.6	2.9
Cholecystectomy	56	1.8	2.9	3.0	3.6	4.5	3.3	3.6	5.6	3.4
Hysterectomy	14	0.0	0.5	*	0.0	1.1	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LA HARPE HOSPITAL ASSOCIATION

B St & Archer Ave
La Harpe, IL 61450

Medicare Provider Number: 140241

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	13	30.8	10.1	*	30.8	15.5	*	30.8	19.0	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	4	50.0	14.1	*	50.0	18.4	*	50.0	21.6	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	1	0.0	3.9	*	0.0	7.6	*	0.0	10.4	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1989

Total Beds	64
Ownership/Control	Private, Non-Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	No
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

LA HARPE HOSPITAL ASSOCIATION

Medicare Provider Number: 140241

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	27	18.5	11.8	*	18.5	18.1	*	22.2	23.1	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	2	0.0	18.4	*	0.0	26.8	*	0.0	33.7	*
Pneumonia/Influenza	4	0.0	27.7	*	0.0	34.6	*	0.0	38.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	3	66.7	20.2	*	66.7	26.9	*	100.0	31.4	*
Hip Fracture	0									
Sepsis	0									
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	32	25.0	7.5	*	25.0	11.6	*	25.0	15.6	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	2	100.0	15.2	*	100.0	22.5	*	100.0	29.0	*
Pneumonia/Influenza	7	28.6	13.1	*	28.6	17.5	*	28.6	21.4	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	1	100.0	15.2	*	100.0	21.0	*	100.0	25.2	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LAKE FOREST HOSPITAL

660 N Westmoreland Road
Lake Forest, IL 60045

Medicare Provider Number: 140130

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1,073	8.9	9.3	1.1	14.4	14.4	1.1	18.0	18.5	1.3
CONDITIONS:										
Acute Myocardial Infarction	36	36.1	29.3	*	36.1	33.3	*	36.1	37.2	*
Congestive Heart Failure	57	15.8	15.6	6.2	21.1	24.4	6.3	28.1	31.6	7.8
Pneumonia/Influenza	44	6.8	15.9	*	13.6	21.2	*	15.9	25.7	*
Chronic Obstructive Pulmonary Disease	10	0.0	5.8	*	0.0	10.3	*	0.0	14.4	*
Transient Cerebral Ischemia	19	0.0	1.9	*	0.0	4.2	*	5.3	6.8	*
Stroke	37	21.6	21.6	*	21.6	27.9	*	27.0	32.5	*
Hip Fracture	27	14.8	7.0	*	14.8	12.8	*	18.5	16.8	*
Sepsis	8	12.5	23.0	*	12.5	30.2	*	12.5	35.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	12.5	4.4	*	12.5	8.1	*	12.5	11.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	19	0.0	2.0	*	0.0	3.5	*	0.0	4.6	*
Open Reduction of Hip Fracture	6	0.0	5.0	*	0.0	9.5	*	0.0	12.6	*
Prostatectomy	14	0.0	0.6	*	0.0	1.4	*	7.1	2.4	*
Cholecystectomy	20	5.0	3.6	*	5.0	7.4	*	10.0	10.4	*
Hysterectomy	7	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	242
Occupancy Rate	79
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	233
Percent of Physicians Board Certified Specialists	79
Medical Residents/Interns	0
Registered Nurses	247
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

LAKE FOREST HOSPITAL

Medicare Provider Number: 140130

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,048	10.5	9.6	1.6	16.1	14.9	1.7	19.3	19.0	1.6
CONDITIONS:										
Acute Myocardial Infarction	28	46.4	31.5	*	50.0	35.6	*	50.0	39.7	*
Congestive Heart Failure	55	9.1	14.6	7.9	18.2	22.2	6.8	25.5	28.5	6.7
Pneumonia/Influenza	54	16.7	18.7	5.6	22.2	25.5	7.7	24.1	30.3	10.2
Chronic Obstructive Pulmonary Disease	3	0.0	3.5	*	0.0	7.2	*	0.0	10.6	*
Transient Cerebral Ischemia	28	0.0	1.7	*	0.0	3.8	*	3.6	6.1	*
Stroke	38	26.3	23.5	*	31.6	30.7	*	34.2	35.8	*
Hip Fracture	26	0.0	6.5	*	7.7	11.9	*	7.7	15.4	*
Sepsis	10	40.0	32.3	*	40.0	43.0	*	40.0	50.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	2.6	*	0.0	5.0	*	20.0	7.3	*
Carotid Endarterectomy	4	0.0	1.2	*	0.0	2.5	*	0.0	3.8	*
Hip Replacement/Reconstruction	27	3.7	2.5	*	7.4	4.7	*	7.4	6.4	*
Open Reduction of Hip Fracture	1	0.0	5.7	*	0.0	11.1	*	0.0	14.8	*
Prostatectomy	23	0.0	0.6	*	0.0	1.5	*	4.3	2.6	*
Cholecystectomy	15	0.0	1.5	*	0.0	2.6	*	0.0	3.3	*
Hysterectomy	7	0.0	0.5	*	0.0	1.0	*	0.0	1.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	996	8.4	9.2	1.7	14.6	14.3	1.1	18.5	18.3	1.2
CONDITIONS:										
Acute Myocardial Infarction	17	35.3	30.2	*	35.3	33.3	*	35.3	36.7	*
Congestive Heart Failure	35	17.1	17.2	*	22.9	26.0	*	28.6	33.3	*
Pneumonia/Influenza	52	17.3	17.7	5.8	26.9	23.9	7.4	28.8	28.8	6.4
Chronic Obstructive Pulmonary Disease	12	16.7	11.2	*	16.7	17.8	*	16.7	22.6	*
Transient Cerebral Ischemia	13	15.4	2.1	*	15.4	4.7	*	23.1	7.7	*
Stroke	41	12.2	24.0	*	19.5	30.8	*	26.8	35.6	*
Hip Fracture	25	0.0	6.7	*	4.0	12.4	*	12.0	16.2	*
Sepsis	9	0.0	29.2	*	11.1	35.5	*	22.2	41.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	6.5	*	0.0	9.8	*	0.0	11.9	*
Carotid Endarterectomy	2	0.0	1.3	*	0.0	2.4	*	0.0	3.5	*
Hip Replacement/Reconstruction	21	0.0	4.9	*	4.8	9.3	*	14.3	12.3	*
Open Reduction of Hip Fracture	6	0.0	5.2	*	0.0	9.8	*	0.0	12.8	*
Prostatectomy	32	0.0	0.7	*	0.0	1.9	*	0.0	3.2	*
Cholecystectomy	18	5.6	2.3	*	5.6	4.2	*	5.6	5.6	*
Hysterectomy	15	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

LAKESIDE COMMUNITY HOSPITAL

225 West Cermak Rd
Chicago, IL 60616

Medicare Provider Number: 140226

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	100	2.0	3.4	2.6	3.0	5.5	3.8	5.0	7.2	3.5
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	30.2	*	50.0	35.8	*	50.0	40.5	*
Congestive Heart Failure	3	0.0	7.8	*	0.0	12.7	*	0.0	17.5	*
Pneumonia/Influenza	3	0.0	10.5	*	0.0	13.9	*	0.0	17.2	*
Chronic Obstructive Pulmonary Disease	3	0.0	5.6	*	0.0	10.0	*	0.0	13.6	*
Transient Cerebral Ischemia	1	0.0	2.7	*	0.0	6.4	*	0.0	10.5	*
Stroke	1	0.0	10.4	*	0.0	15.0	*	0.0	18.3	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	2.7	*	0.0	6.9	*	0.0	11.6	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	106
Occupancy Rate	51
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LAKESIDE COMMUNITY HOSPITAL

Medicare Provider Number: 140226

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	194	3.1	4.9	2.0	6.2	8.1	2.8	8.2	10.8	3.0
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	19.9	*	0.0	21.7	*	0.0	24.1	*
Congestive Heart Failure	12	0.0	12.1	*	0.0	19.2	*	25.0	25.1	*
Pneumonia/Influenza	4	25.0	14.8	*	50.0	19.8	*	50.0	24.1	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.5	*	0.0	4.6	*	0.0	6.5	*
Transient Cerebral Ischemia	5	0.0	1.0	*	0.0	2.2	*	0.0	3.4	*
Stroke	1	0.0	23.8	*	0.0	31.2	*	0.0	36.5	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.6	*	0.0	1.2	*	50.0	1.8	*
Cholecystectomy	1	0.0	0.9	*	0.0	1.7	*	0.0	2.2	*
Hysterectomy	0									

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	191	5.8	6.9	2.7	11.0	11.2	2.3	12.0	14.4	3.1
CONDITIONS:										
Acute Myocardial Infarction	1	100.0	24.1	*	100.0	26.5	*	100.0	29.5	*
Congestive Heart Failure	19	21.1	14.1	*	31.6	22.2	*	31.6	29.0	*
Pneumonia/Influenza	6	33.3	17.8	*	33.3	23.8	*	33.3	28.9	*
Chronic Obstructive Pulmonary Disease	3	0.0	4.2	*	0.0	8.4	*	0.0	12.1	*
Transient Cerebral Ischemia	6	0.0	1.4	*	0.0	3.0	*	0.0	4.8	*
Stroke	3	0.0	13.0	*	0.0	17.4	*	0.0	20.8	*
Hip Fracture	1	0.0	6.4	*	0.0	9.6	*	0.0	11.9	*
Sepsis	1	0.0	41.3	*	0.0	46.7	*	0.0	52.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	5.6	*	0.0	8.9	*	0.0	11.2	*
Prostatectomy	2	0.0	1.2	*	0.0	2.9	*	0.0	4.6	*
Cholecystectomy	1	0.0	0.6	*	0.0	1.1	*	0.0	1.5	*
Hysterectomy	0									

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

LAWRENCE COUNTY MEMORIAL HOSPITAL

West State Street
Lawrenceville, IL 62439

Medicare Provider Number: 140024

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	483	12.4	9.4	3.4	16.4	14.0	3.5	19.5	17.7	2.7
CONDITIONS:										
Acute Myocardial Infarction	19	52.6	29.5	*	52.6	32.1	*	52.6	35.3	*
Congestive Heart Failure	26	11.5	13.4	*	23.1	20.6	*	34.6	26.9	*
Pneumonia/Influenza	34	29.4	13.4	*	38.2	18.3	*	41.2	22.1	*
Chronic Obstructive Pulmonary Disease	6	0.0	6.9	*	0.0	11.8	*	16.7	16.0	*
Transient Cerebral Ischemia	10	0.0	2.0	*	0.0	4.4	*	0.0	7.0	*
Stroke	29	24.1	18.9	*	27.6	24.8	*	44.8	29.1	*
Hip Fracture	10	0.0	6.5	*	10.0	12.0	*	20.0	15.7	*
Sepsis	13	0.0	25.5	*	0.0	32.2	*	0.0	37.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	6.3	*	0.0	12.4	*	0.0	16.8	*
Prostatectomy	0									
Cholecystectomy	2	0.0	3.7	*	0.0	6.4	*	0.0	7.7	*
Hysterectomy	3	33.3	0.1	*	33.3	0.2	*	33.3	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	59
Occupancy Rate	65
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	27
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LAWRENCE COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 140024

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	512	12.9	9.2	2.5	17.2	13.5	2.6	20.1	17.2	2.4
CONDITIONS:										
Acute Myocardial Infarction	21	23.8	28.0	*	23.8	30.9	*	23.8	34.7	*
Congestive Heart Failure	35	20.0	16.7	*	42.9	25.6	*	48.6	32.7	*
Pneumonia/Influenza	33	15.2	11.8	*	24.2	16.4	*	24.2	20.2	*
Chronic Obstructive Pulmonary Disease	1	100.0	4.8	*	100.0	10.7	*	100.0	16.2	*
Transient Cerebral Ischemia	12	0.0	2.2	*	0.0	5.1	*	0.0	8.1	*
Stroke	34	29.4	21.5	*	35.3	28.9	*	47.1	34.0	*
Hip Fracture	14	7.1	5.1	*	7.1	9.7	*	14.3	12.9	*
Sepsis	9	33.3	36.4	*	33.3	42.3	*	33.3	48.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	5.5	*	0.0	10.1	*	0.0	12.9	*
Open Reduction of Hip Fracture	3	0.0	4.5	*	0.0	9.1	*	0.0	12.3	*
Prostatectomy	2	0.0	0.9	*	0.0	2.6	*	0.0	4.6	*
Cholecystectomy	8	0.0	1.9	*	0.0	3.8	*	0.0	5.5	*
Hysterectomy	3	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	502	11.2	10.6	1.6	15.3	15.5	3.0	18.9	19.5	4.3
CONDITIONS:										
Acute Myocardial Infarction	16	18.8	25.9	*	18.8	29.0	*	25.0	32.5	*
Congestive Heart Failure	17	23.5	17.8	*	35.3	26.4	*	41.2	33.6	*
Pneumonia/Influenza	26	19.2	16.3	*	26.9	21.9	*	26.9	26.4	*
Chronic Obstructive Pulmonary Disease	9	22.2	8.6	*	33.3	17.6	*	33.3	25.1	*
Transient Cerebral Ischemia	8	0.0	1.9	*	0.0	4.4	*	12.5	7.0	*
Stroke	35	20.0	24.0	*	22.9	30.7	*	25.7	35.9	*
Hip Fracture	18	5.6	5.8	*	16.7	10.9	*	16.7	14.6	*
Sepsis	13	7.7	40.2	*	15.4	47.7	*	23.1	54.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	12.5	6.2	*	25.0	12.0	*	25.0	16.3	*
Open Reduction of Hip Fracture	1	0.0	2.5	*	0.0	4.9	*	0.0	6.7	*
Prostatectomy	1	0.0	0.6	*	0.0	1.3	*	0.0	2.2	*
Cholecystectomy	6	0.0	0.8	*	0.0	1.6	*	0.0	2.2	*
Hysterectomy	1	0.0	0.4	*	0.0	0.7	*	0.0	0.8	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

LEYDEN COMMUNITY HOSPITAL

365 East North Avenue
Northlake, IL 60164

Medicare Provider Number: 140295

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	91	2.2	4.5	2.9	6.6	7.8	3.0	11.0	10.7	3.3
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	4	0.0	11.0	*	0.0	18.2	*	0.0	24.6	*
Pneumonia/Influenza	2	0.0	9.6	*	0.0	12.7	*	0.0	15.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	2.1	*	100.0	5.1	*	100.0	8.5	*
Stroke	0									
Hip Fracture	1	0.0	14.4	*	0.0	23.3	*	100.0	28.1	*
Sepsis	1	0.0	20.1	*	0.0	25.2	*	0.0	30.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	1.4	*	0.0	4.0	*	0.0	7.3	*
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	1.2	*	0.0	2.9	*	0.0	4.9	*
Cholecystectomy	1	0.0	0.5	*	0.0	1.0	*	0.0	1.4	*
Hysterectomy	1	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1988

Total Beds	101
Ownership/Control	Church
STAFFING:	
Medical Residents/Interns	2
Registered Nurses	46
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

LEYDEN COMMUNITY HOSPITAL

Medicare Provider Number: 140295

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	97	6.2	7.0	2.7	10.3	11.2	3.4	14.4	14.5	3.6
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	36.5	*	50.0	39.8	*	50.0	43.6	*
Congestive Heart Failure	8	25.0	15.9	*	50.0	23.6	*	50.0	29.9	*
Pneumonia/Influenza	1	100.0	23.3	*	100.0	29.5	*	100.0	34.8	*
Chronic Obstructive Pulmonary Disease	2	0.0	2.5	*	0.0	4.4	*	0.0	6.0	*
Transient Cerebral Ischemia	2	50.0	2.0	*	50.0	3.9	*	50.0	6.0	*
Stroke	0									
Hip Fracture	1	0.0	5.2	*	0.0	10.0	*	0.0	13.5	*
Sepsis	3	33.3	23.6	*	33.3	35.5	*	33.3	42.4	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	4.5	*	0.0	9.0	*	0.0	12.5	*
Prostatectomy	3	0.0	1.2	*	0.0	2.8	*	0.0	4.5	*
Cholecystectomy	6	0.0	1.4	*	16.7	2.8	*	16.7	4.0	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	229	7.9	8.5	5.8	13.1	12.8	5.6	15.3	16.1	5.2
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	32.6	*	100.0	35.5	*	100.0	38.8	*
Congestive Heart Failure	17	5.9	15.7	*	11.8	23.2	*	17.6	29.7	*
Pneumonia/Influenza	5	0.0	19.6	*	20.0	26.0	*	20.0	31.0	*
Chronic Obstructive Pulmonary Disease	1	0.0	14.5	*	0.0	20.7	*	0.0	25.8	*
Transient Cerebral Ischemia	4	25.0	2.2	*	25.0	4.2	*	25.0	6.4	*
Stroke	7	57.1	23.7	*	71.4	30.3	*	71.4	34.4	*
Hip Fracture	3	0.0	9.4	*	0.0	16.0	*	33.3	19.9	*
Sepsis	2	0.0	26.5	*	0.0	31.6	*	0.0	36.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	0.8	*	0.0	1.8	*	0.0	2.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	4.9	*	0.0	8.6	*	50.0	11.1	*
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	0.7	*	0.0	1.8	*	0.0	3.2	*
Cholecystectomy	8	0.0	3.6	*	12.5	6.0	*	12.5	7.2	*
Hysterectomy	0									

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

LINCOLN WEST HOSPITAL

2544 W Montrose Ave
Chicago, IL 60618

Medicare Provider Number: 140192

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	248	7.7	7.8	2.7	12.1	12.5	3.7	14.1	16.1	5.3
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	34.4	*	0.0	37.8	*	25.0	41.1	*
Congestive Heart Failure	11	36.4	15.4	*	45.5	23.7	*	45.5	30.5	*
Pneumonia/Influenza	9	11.1	11.8	*	11.1	15.9	*	11.1	19.5	*
Chronic Obstructive Pulmonary Disease	4	0.0	7.5	*	0.0	15.8	*	0.0	23.6	*
Transient Cerebral Ischemia	7	0.0	2.2	*	0.0	4.7	*	14.3	7.5	*
Stroke	11	9.1	15.2	*	18.2	22.4	*	18.2	26.9	*
Hip Fracture	8	12.5	7.1	*	12.5	13.2	*	12.5	17.6	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	50.0	3.4	*	50.0	7.8	*	50.0	12.3	*
Carotid Endarterectomy	1	0.0	2.0	*	0.0	3.5	*	0.0	5.4	*
Hip Replacement/Reconstruction	2	0.0	6.0	*	0.0	11.7	*	0.0	16.0	*
Open Reduction of Hip Fracture	5	20.0	7.1	*	20.0	14.0	*	20.0	18.9	*
Prostatectomy	5	20.0	0.7	*	20.0	1.6	*	20.0	2.7	*
Cholecystectomy	8	0.0	2.4	*	12.5	4.8	*	12.5	6.8	*
Hysterectomy	2	0.0	4.8	*	0.0	10.6	*	0.0	15.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	105
Occupancy Rate	38
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	109
Percent of Physicians Board Certified Specialists	78
Medical Residents/Interns	3
Registered Nurses	75
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LINCOLN WEST HOSPITAL

Medicare Provider Number: 140192

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	443	7.2	8.1	2.1	13.1	12.6	2.3	15.6	16.1	2.4
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	23.6	*	33.3	25.9	*	33.3	28.7	*
Congestive Heart Failure	20	25.0	19.4	*	30.0	29.0	*	40.0	36.6	*
Pneumonia/Influenza	16	6.3	18.3	*	18.8	25.0	*	18.8	30.0	*
Chronic Obstructive Pulmonary Disease	10	0.0	8.6	*	0.0	14.8	*	0.0	19.9	*
Transient Cerebral Ischemia	9	0.0	1.9	*	0.0	4.4	*	22.2	7.2	*
Stroke	20	15.0	22.6	*	25.0	31.2	*	25.0	36.2	*
Hip Fracture	4	25.0	5.8	*	25.0	10.5	*	25.0	13.6	*
Sepsis	8	37.5	25.7	*	50.0	34.8	*	62.5	40.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	13.4	*	0.0	24.9	*	0.0	32.1	*
Carotid Endarterectomy	1	0.0	1.5	*	0.0	3.5	*	0.0	5.1	*
Hip Replacement/Reconstruction	3	0.0	3.7	*	0.0	6.8	*	0.0	8.5	*
Open Reduction of Hip Fracture	0									
Prostatectomy	7	0.0	1.4	*	14.3	3.3	*	14.3	5.4	*
Cholecystectomy	3	0.0	1.2	*	0.0	2.0	*	0.0	2.7	*
Hysterectomy	2	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	503	8.0	8.3	2.1	13.1	13.0	4.3	17.3	16.7	5.1
CONDITIONS:										
Acute Myocardial Infarction	13	23.1	27.9	*	23.1	32.3	*	30.8	35.6	*
Congestive Heart Failure	25	16.0	13.7	*	28.0	20.6	*	28.0	26.7	*
Pneumonia/Influenza	17	29.4	17.5	*	29.4	24.0	*	29.4	29.2	*
Chronic Obstructive Pulmonary Disease	8	0.0	4.0	*	0.0	7.9	*	0.0	11.6	*
Transient Cerebral Ischemia	12	8.3	1.7	*	8.3	3.6	*	16.7	5.9	*
Stroke	21	9.5	21.3	*	14.3	29.8	*	14.3	34.6	*
Hip Fracture	6	16.7	3.7	*	16.7	7.4	*	16.7	10.2	*
Sepsis	7	14.3	21.1	*	28.6	28.4	*	42.9	33.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	4.1	*	100.0	7.1	*	100.0	9.7	*
Carotid Endarterectomy	1	0.0	1.7	*	0.0	2.9	*	0.0	3.8	*
Hip Replacement/Reconstruction	1	100.0	0.8	*	100.0	1.7	*	100.0	2.4	*
Open Reduction of Hip Fracture	3	0.0	3.3	*	0.0	6.7	*	0.0	9.3	*
Prostatectomy	10	0.0	2.0	*	0.0	4.6	*	0.0	7.1	*
Cholecystectomy	7	0.0	2.0	*	0.0	3.2	*	14.3	4.0	*
Hysterectomy	3	0.0	1.7	*	0.0	3.5	*	0.0	4.9	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

LITTLE COMPANY OF MARY HOSPITAL

2800 W 95th St
Evergreen Park, IL 60642

Medicare Provider Number: 140179

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,282	10.3	9.0	0.7	16.0	13.9	0.9	19.9	17.7	1.0
CONDITIONS:										
Acute Myocardial Infarction	123	24.4	23.4	3.8	31.7	26.8	4.6	34.1	30.2	4.7
Congestive Heart Failure	162	14.8	14.6	2.8	22.2	22.5	3.3	28.4	29.0	3.7
Pneumonia/Influenza	137	21.2	16.6	6.4	30.7	22.6	6.3	35.0	27.3	6.1
Chronic Obstructive Pulmonary Disease	26	15.4	8.4	*	19.2	13.4	*	23.1	17.7	*
Transient Cerebral Ischemia	47	4.3	2.0	*	6.4	4.6	*	8.5	7.2	*
Stroke	131	28.2	18.9	4.9	33.6	25.5	5.3	35.1	29.7	4.6
Hip Fracture	71	5.6	6.0	5.6	8.5	10.8	5.8	12.7	14.1	4.6
Sepsis	29	27.6	28.4	*	31.0	35.7	*	41.4	41.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	26	3.8	4.7	*	7.7	8.2	*	11.5	11.3	*
Carotid Endarterectomy	8	12.5	1.2	*	12.5	2.1	*	12.5	3.1	*
Hip Replacement/Reconstruction	44	0.0	3.3	*	2.3	6.0	*	6.8	7.8	*
Open Reduction of Hip Fracture	35	8.6	5.8	*	11.4	10.9	*	17.1	14.4	*
Prostatectomy	147	0.7	0.9	0.9	4.1	2.1	1.6	5.4	3.5	2.1
Cholecystectomy	63	1.6	2.9	2.6	6.3	5.1	3.4	11.1	6.6	4.6
Hysterectomy	18	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	365
Occupancy Rate	72
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	324
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LITTLE COMPANY OF MARY HOSPITAL

Medicare Provider Number: 140179

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS			90 DAYS OBS			180 DAYS OBS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,247	10.1	9.8	0.9	15.9	14.7	1.0	19.4	18.5	1.0
CONDITIONS:										
Acute Myocardial Infarction	131	23.7	24.3	3.8	29.0	27.8	4.0	30.5	31.3	4.1
Congestive Heart Failure	170	14.7	15.9	2.9	22.9	23.9	3.3	26.5	30.5	4.4
Pneumonia/Influenza	120	17.5	18.5	3.7	22.5	24.7	4.9	26.7	29.5	4.8
Chronic Obstructive Pulmonary Disease	25	8.0	9.0	*	12.0	14.6	*	16.0	19.4	*
Transient Cerebral Ischemia	48	0.0	1.8	*	2.1	3.8	*	10.4	5.9	*
Stroke	137	24.8	21.7	7.5	33.6	29.0	8.2	38.0	33.7	7.4
Hip Fracture	67	4.5	6.7	3.5	14.9	12.1	4.5	20.9	15.5	7.3
Sepsis	31	32.3	28.4	*	41.9	36.3	*	45.2	42.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	0.0	4.0	*	7.7	7.5	*	7.7	10.9	*
Carotid Endarterectomy	8	0.0	1.4	*	0.0	2.7	*	0.0	3.9	*
Hip Replacement/Reconstruction	59	5.1	2.6	3.8	8.5	5.0	4.3	10.2	6.7	5.7
Open Reduction of Hip Fracture	38	2.6	6.5	*	15.8	12.2	*	23.7	15.9	*
Prostatectomy	150	0.7	1.2	1.0	2.7	2.6	2.0	2.7	4.2	2.9
Cholecystectomy	73	2.7	3.4	2.3	5.5	6.0	3.2	8.2	7.7	3.3
Hysterectomy	41	0.0	0.9	*	2.4	1.7	*	2.4	2.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,954	9.6	9.4	0.6	14.1	14.1	1.3	18.1	17.8	1.4
CONDITIONS:										
Acute Myocardial Infarction	134	24.6	27.4	4.5	29.9	31.0	4.1	34.3	34.4	4.1
Congestive Heart Failure	120	15.8	15.4	3.5	24.2	23.1	3.9	27.5	29.6	5.1
Pneumonia/Influenza	106	14.2	16.7	4.3	21.7	22.5	4.1	23.6	27.3	5.9
Chronic Obstructive Pulmonary Disease	34	8.8	8.8	*	14.7	14.2	*	20.6	18.6	*
Transient Cerebral Ischemia	43	2.3	2.1	*	4.7	4.4	*	9.3	6.9	*
Stroke	125	13.6	21.2	5.5	21.6	27.9	6.4	26.4	32.2	5.2
Hip Fracture	63	14.3	6.6	4.9	22.2	11.8	6.1	28.6	15.2	7.5
Sepsis	32	12.5	34.6	*	25.0	42.9	*	37.5	49.6	*
PROCEDURES:										
Angioplasty	1	0.0	2.2	*	0.0	3.2	*	0.0	4.4	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	18	11.1	3.5	*	11.1	7.2	*	11.1	10.5	*
Carotid Endarterectomy	16	0.0	2.1	*	6.3	4.0	*	6.3	5.7	*
Hip Replacement/Reconstruction	40	7.5	3.9	*	12.5	7.0	*	17.5	9.1	*
Open Reduction of Hip Fracture	26	11.5	5.5	*	15.4	10.6	*	19.2	14.0	*
Prostatectomy	154	1.3	1.3	1.1	1.3	3.0	1.9	3.2	4.9	2.1
Cholecystectomy	63	4.8	3.1	2.9	6.3	5.0	3.2	7.9	6.4	3.5
Hysterectomy	26	0.0	0.5	*	0.0	1.0	*	3.8	1.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

LORETTO HOSPITAL

645 South Central Ave
Chicago, IL 60644

Medicare Provider Number: 140083

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	708	10.9	9.5	1.9	15.7	14.3	2.1	19.1	18.0	2.6
CONDITIONS:										
Acute Myocardial Infarction	15	20.0	29.7	*	26.7	33.1	*	33.3	37.1	*
Congestive Heart Failure	42	11.9	14.3	*	14.3	22.2	*	16.7	29.0	*
Pneumonia/Influenza	30	30.0	21.3	*	40.0	29.2	*	43.3	35.0	*
Chronic Obstructive Pulmonary Disease	12	8.3	10.5	*	8.3	17.2	*	8.3	22.5	*
Transient Cerebral Ischemia	20	5.0	1.6	*	5.0	3.5	*	5.0	5.6	*
Stroke	20	10.0	17.1	*	25.0	22.9	*	25.0	27.0	*
Hip Fracture	6	16.7	3.9	*	16.7	7.2	*	16.7	9.8	*
Sepsis	3	100.0	33.6	*	100.0	41.4	*	100.0	48.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	1	0.0	1.3	*	0.0	2.1	*	0.0	3.1	*
Hip Replacement/Reconstruction	5	40.0	1.9	*	40.0	3.7	*	40.0	5.1	*
Open Reduction of Hip Fracture	0									
Prostatectomy	22	0.0	1.5	*	0.0	3.6	*	0.0	6.0	*
Cholecystectomy	9	0.0	4.4	*	11.1	9.2	*	11.1	13.1	*
Hysterectomy	3	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	184
Occupancy Rate	77
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	106
Percent of Physicians Board Certified Specialists	74
Medical Residents/Interns	0
Registered Nurses	91
Licensed Practical Nurses	19

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LORETTO HOSPITAL

Medicare Provider Number: 140083

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	686	12.2	11.5	1.2	18.8	16.2	1.6	22.6	19.9	1.6
CONDITIONS:										
Acute Myocardial Infarction	22	50.0	31.3	*	59.1	34.7	*	59.1	38.6	*
Congestive Heart Failure	25	24.0	16.8	*	32.0	25.1	*	40.0	31.8	*
Pneumonia/Influenza	16	12.5	16.8	*	18.8	22.5	*	31.3	27.3	*
Chronic Obstructive Pulmonary Disease	10	20.0	9.1	*	20.0	14.8	*	20.0	19.7	*
Transient Cerebral Ischemia	16	6.3	2.7	*	6.3	6.1	*	6.3	9.8	*
Stroke	34	23.5	22.0	*	41.2	28.4	*	47.1	33.0	*
Hip Fracture	8	0.0	10.9	*	25.0	20.1	*	62.5	25.8	*
Sepsis	4	25.0	50.2	*	50.0	58.8	*	75.0	65.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	6.9	*	50.0	12.2	*	50.0	16.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	11.3	*	25.0	21.3	*	50.0	26.8	*
Open Reduction of Hip Fracture	3	0.0	5.3	*	0.0	10.0	*	33.3	13.3	*
Prostatectomy	30	3.3	1.8	*	6.7	4.6	*	6.7	7.6	*
Cholecystectomy	9	11.1	9.4	*	22.2	16.9	*	22.2	21.9	*
Hysterectomy	3	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	552	11.8	11.6	3.1	18.1	16.7	2.9	21.4	20.7	3.0
CONDITIONS:										
Acute Myocardial Infarction	19	21.1	28.1	*	21.1	32.2	*	21.1	36.1	*
Congestive Heart Failure	27	11.1	16.7	*	22.2	25.4	*	33.3	32.3	*
Pneumonia/Influenza	18	5.6	14.7	*	11.1	19.8	*	16.7	24.2	*
Chronic Obstructive Pulmonary Disease	8	12.5	15.7	*	12.5	25.8	*	12.5	32.7	*
Transient Cerebral Ischemia	16	12.5	2.5	*	12.5	5.4	*	12.5	8.7	*
Stroke	36	27.8	21.2	*	44.4	28.4	*	44.4	33.0	*
Hip Fracture	12	0.0	5.9	*	8.3	10.2	*	8.3	13.3	*
Sepsis	7	71.4	37.5	*	85.7	44.1	*	100.0	50.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.0	*	0.0	4.8	*	33.3	7.9	*
Carotid Endarterectomy	1	0.0	1.0	*	0.0	1.7	*	0.0	2.4	*
Hip Replacement/Reconstruction	5	0.0	3.5	*	0.0	6.5	*	0.0	8.7	*
Open Reduction of Hip Fracture	3	0.0	4.6	*	0.0	9.0	*	0.0	12.1	*
Prostatectomy	21	0.0	1.5	*	4.8	3.7	*	4.8	6.2	*
Cholecystectomy	9	0.0	2.7	*	0.0	5.2	*	0.0	7.0	*
Hysterectomy	3	0.0	0.2	*	0.0	0.3	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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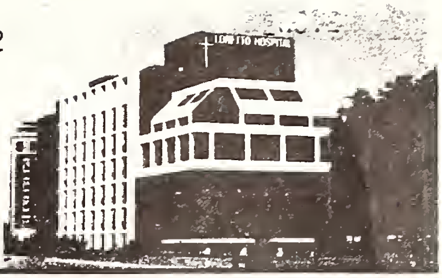

Loretto Hospital

645 South Central Avenue • Chicago, Illinois 60644-9987 • Tel. 626-4300 848-3730

OFFICE OF THE
PRESIDENT

MEDICARE PROVIDER NUMBER 140083

January 15, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We have reviewed the Medicare Hospital Mortality Information and are currently analyzing our facilities' observed and predicted mortality rates at 30, 90, and 180 days with regard to statistical significance.

It is our plan to utilize and incorporate this information into our Hospital Quality Improvement Data Base. It will provide direction for further Quality Improvement Monitoring Activities.

Sincerely,

Sister Marion

Sister Marion Panke
President and Chief Executive Officer

Serving The Communities Since 1939

LOUIS A WEISS MEMORIAL HOSPITAL

4646 N Marine Drive
Chicago, IL 60640

Medicare Provider Number: 140082

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,049	8.8	10.8	1.0	14.4	16.5	1.2	18.6	20.8	1.2
CONDITIONS:										
Acute Myocardial Infarction	76	28.9	30.5	6.4	34.2	34.4	6.5	38.2	38.0	5.6
Congestive Heart Failure	136	10.3	16.3	4.7	21.3	25.2	4.5	25.0	32.3	5.9
Pneumonia/Influenza	100	16.0	20.2	5.4	28.0	27.2	4.5	35.0	32.6	6.0
Chronic Obstructive Pulmonary Disease	17	11.8	8.6	*	11.8	14.7	*	23.5	19.6	*
Transient Cerebral Ischemia	52	1.9	1.8	1.9	3.8	4.2	2.9	5.8	6.9	3.9
Stroke	67	16.4	21.8	8.6	22.4	28.2	7.4	29.9	32.7	6.6
Hip Fracture	48	8.3	6.8	*	12.5	12.6	*	14.6	16.7	*
Sepsis	54	24.1	26.8	6.4	35.2	35.0	6.7	46.3	41.0	7.3
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	28	7.1	4.7	*	14.3	8.9	*	21.4	12.6	*
Carotid Endarterectomy	6	0.0	1.6	*	0.0	2.8	*	0.0	4.2	*
Hip Replacement/Reconstruction	23	4.3	4.4	*	8.7	8.7	*	13.0	12.0	*
Open Reduction of Hip Fracture	24	12.5	6.2	*	16.7	11.8	*	16.7	15.7	*
Prostatectomy	50	0.0	1.3	*	0.0	3.1	*	0.0	5.0	*
Cholecystectomy	11	0.0	3.0	*	0.0	4.9	*	0.0	6.0	*
Hysterectomy	14	0.0	0.9	*	0.0	1.7	*	0.0	2.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	243
Occupancy Rate	80
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	189
Percent of Physicians Board Certified Specialists	80
Medical Residents/Interns	40
Registered Nurses	300
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LOUIS A WEISS MEMORIAL HOSPITAL

Medicare Provider Number: 140082

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,302	9.9	11.2	0.9	16.3	17.0	1.0	19.7	21.4	1.2
CONDITIONS:										
Acute Myocardial Infarction	75	40.0	36.6	6.6	42.7	40.5	6.2	45.3	44.4	6.4
Congestive Heart Failure	131	16.0	19.0	6.3	26.7	28.7	6.0	32.8	36.1	7.3
Pneumonia/Influenza	83	15.7	23.2	7.6	26.5	30.5	6.1	31.3	35.9	6.3
Chronic Obstructive Pulmonary Disease	11	0.0	9.2	*	18.2	18.3	*	18.2	26.1	*
Transient Cerebral Ischemia	66	1.5	2.5	2.1	1.5	5.5	4.3	3.0	8.6	5.7
Stroke	97	18.6	22.7	6.3	26.8	29.9	6.5	26.8	34.7	8.1
Hip Fracture	60	10.0	8.3	3.8	15.0	15.0	6.0	16.7	19.3	6.6
Sepsis	33	27.3	32.6	*	45.5	41.8	*	54.5	47.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	23	4.3	3.3	*	4.3	6.9	*	8.7	10.3	*
Carotid Endarterectomy	4	0.0	1.6	*	0.0	2.9	*	0.0	4.3	*
Hip Replacement/Reconstruction	24	4.2	5.4	*	4.2	10.3	*	4.2	13.6	*
Open Reduction of Hip Fracture	29	10.3	8.0	*	13.8	15.0	*	17.2	19.4	*
Prostatectomy	93	0.0	1.3	1.5	2.2	3.1	2.4	2.2	4.8	3.1
Cholecystectomy	29	10.3	4.2	*	17.2	7.4	*	17.2	9.4	*
Hysterectomy	17	0.0	2.6	*	11.8	5.3	*	11.8	7.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,314	9.6	10.9	1.2	14.3	16.5	0.8	18.3	20.8	1.0
CONDITIONS:										
Acute Myocardial Infarction	85	40.0	31.5	6.2	40.0	35.3	5.6	41.2	39.0	5.4
Congestive Heart Failure	127	9.4	18.4	4.5	18.9	27.7	6.3	22.8	35.0	5.8
Pneumonia/Influenza	83	13.3	19.5	5.0	18.1	26.0	6.0	22.9	31.1	6.2
Chronic Obstructive Pulmonary Disease	19	21.1	10.3	*	31.6	18.6	*	31.6	25.7	*
Transient Cerebral Ischemia	60	1.7	2.6	3.0	3.3	5.7	5.3	5.0	9.2	7.2
Stroke	74	13.5	25.9	7.2	17.6	33.7	8.1	25.7	38.6	7.7
Hip Fracture	57	7.0	7.7	3.9	12.3	13.5	4.7	17.5	17.1	5.3
Sepsis	53	26.4	31.4	7.8	37.7	40.4	8.5	43.4	46.6	9.5
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	33	0.0	5.4	*	6.1	10.0	*	9.1	13.6	*
Carotid Endarterectomy	7	0.0	1.7	*	0.0	3.3	*	14.3	4.8	*
Hip Replacement/Reconstruction	28	7.1	6.5	*	17.9	11.5	*	17.9	14.5	*
Open Reduction of Hip Fracture	31	9.7	6.9	*	12.9	12.7	*	22.6	16.4	*
Prostatectomy	86	1.2	1.2	1.5	3.5	3.0	2.7	9.3	5.1	3.6
Cholecystectomy	41	0.0	5.0	*	2.4	8.9	*	7.3	11.4	*
Hysterectomy	20	0.0	0.8	*	5.0	1.8	*	10.0	2.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

LUTHERAN GENERAL HOSPITAL

1775 Dempster Street
Park Ridge, IL 60068

Medicare Provider Number: 140223

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,290	9.5	9.9	0.5	14.5	15.0	0.6	18.2	19.0	0.7
CONDITIONS:										
Acute Myocardial Infarction	137	30.7	32.3	4.5	33.6	36.1	4.3	38.0	39.9	4.4
Congestive Heart Failure	196	15.3	16.1	2.8	23.5	24.8	4.2	29.1	31.9	5.9
Pneumonia/Influenza	173	23.1	17.4	5.1	29.5	23.5	5.0	31.8	28.3	4.2
Chronic Obstructive Pulmonary Disease	33	18.2	10.1	*	18.2	15.8	*	33.3	20.9	*
Transient Cerebral Ischemia	57	0.0	1.7	2.6	1.8	3.7	3.5	5.3	5.7	3.6
Stroke	130	16.9	22.1	6.1	23.8	28.2	6.4	26.9	32.6	7.3
Hip Fracture	131	3.8	6.8	3.6	13.0	12.0	3.5	19.1	15.5	5.8
Sepsis	80	32.5	26.8	6.9	38.7	35.7	6.2	41.2	42.3	5.8
PROCEDURES:										
Angioplasty	95	3.2	3.9	2.4	4.2	4.9	2.3	4.2	6.0	2.7
Coronary Artery Bypass Graft	90	8.9	6.1	3.6	10.0	9.0	3.6	12.2	10.8	3.9
Initial Pacemaker Insertion	31	0.0	3.5	*	3.2	7.1	*	9.7	10.5	*
Carotid Endarterectomy	5	0.0	1.9	*	0.0	4.3	*	0.0	6.9	*
Hip Replacement/Reconstruction	81	1.2	3.0	2.7	3.7	5.4	3.9	3.7	7.0	4.4
Open Reduction of Hip Fracture	64	3.1	6.0	3.7	10.9	11.1	4.1	21.9	14.5	5.4
Prostatectomy	129	1.6	1.7	1.3	3.1	3.8	2.4	4.7	6.2	3.8
Cholecystectomy	69	2.9	3.1	3.2	2.9	5.2	4.2	2.9	6.5	4.8
Hysterectomy	28	3.6	0.9	*	3.6	1.8	*	3.6	2.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	880
Occupancy Rate	73
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	678
Percent of Physicians Board Certified Specialists	61
Medical Residents/Interns	118
Registered Nurses	871
Licensed Practical Nurses	24

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

LUTHERAN GENERAL HOSPITAL

Medicare Provider Number: 140223

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,376	9.9	11.0	0.5	15.4	16.3	0.6	19.1	20.4	0.7
CONDITIONS:										
Acute Myocardial Infarction	148	22.3	30.9	4.8	25.0	34.5	4.9	27.7	38.5	5.3
Congestive Heart Failure	194	16.5	16.4	4.7	24.7	24.7	3.2	32.0	31.4	3.4
Pneumonia/Influenza	198	23.2	20.1	3.5	29.3	26.9	3.5	33.8	31.9	4.3
Chronic Obstructive Pulmonary Disease	25	20.0	11.7	*	32.0	20.0	*	40.0	26.8	*
Transient Cerebral Ischemia	59	0.0	1.9	2.2	1.7	4.0	2.9	1.7	6.3	4.1
Stroke	184	21.2	24.8	5.4	29.3	31.5	5.3	33.7	36.4	5.4
Hip Fracture	115	6.1	7.8	3.0	12.2	13.8	4.1	14.8	17.4	4.9
Sepsis	93	37.6	36.1	5.1	44.1	44.5	5.2	49.5	50.8	5.8
PROCEDURES:										
Angioplasty	61	3.3	6.6	4.7	4.9	7.9	4.7	4.9	9.3	5.2
Coronary Artery Bypass Graft	87	13.8	7.5	5.0	17.2	10.1	5.4	18.4	11.8	5.4
Initial Pacemaker Insertion	27	0.0	7.4	*	0.0	10.1	*	3.7	12.9	*
Carotid Endarterectomy	24	4.2	1.8	*	4.2	3.8	*	4.2	5.8	*
Hip Replacement/Reconstruction	73	0.0	3.7	3.6	4.1	7.1	4.8	5.5	9.6	5.8
Open Reduction of Hip Fracture	62	4.8	7.3	3.9	11.3	13.6	5.3	12.9	17.6	8.1
Prostatectomy	155	0.6	1.3	1.0	1.9	3.1	1.8	1.9	5.1	2.9
Cholecystectomy	70	1.4	4.9	3.5	2.9	8.0	4.5	4.3	10.0	4.8
Hysterectomy	38	2.6	2.2	*	2.6	4.1	*	2.6	5.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,898	9.6	10.7	2.1	15.4	15.8	1.9	19.2	19.9	2.1
CONDITIONS:										
Acute Myocardial Infarction	129	30.2	35.6	5.0	32.6	39.2	5.2	34.9	43.3	5.9
Congestive Heart Failure	169	15.4	18.6	3.2	29.0	27.3	3.5	36.7	34.4	4.0
Pneumonia/Influenza	144	19.4	19.4	4.9	27.1	25.8	5.6	33.3	30.9	6.4
Chronic Obstructive Pulmonary Disease	48	20.8	11.6	*	35.4	18.9	*	47.9	24.3	*
Transient Cerebral Ischemia	64	0.0	2.1	2.4	0.0	4.5	4.0	1.6	7.2	4.5
Stroke	155	19.4	23.8	4.5	29.0	30.5	3.8	32.3	35.3	4.4
Hip Fracture	101	5.0	7.4	4.0	9.9	12.9	5.9	9.9	16.4	6.9
Sepsis	61	39.3	33.9	9.2	47.5	42.0	9.1	52.5	48.4	10.2
PROCEDURES:										
Angioplasty	33	3.0	5.0	*	3.0	6.0	*	3.0	7.3	*
Coronary Artery Bypass Graft	78	9.0	6.9	3.1	9.0	8.9	3.3	9.0	10.2	3.8
Initial Pacemaker Insertion	23	4.3	3.6	*	13.0	7.3	*	17.4	10.6	*
Carotid Endarterectomy	14	0.0	1.8	*	0.0	3.6	*	0.0	5.1	*
Hip Replacement/Reconstruction	80	2.5	3.4	2.3	3.8	5.9	3.7	3.8	7.5	4.5
Open Reduction of Hip Fracture	46	6.5	6.8	*	10.9	12.5	*	10.9	16.2	*
Prostatectomy	132	0.8	1.1	1.0	2.3	2.7	1.5	3.0	4.4	2.1
Cholecystectomy	59	3.4	2.8	2.2	3.4	4.8	2.9	3.4	6.1	3.6
Hysterectomy	38	2.6	1.3	*	5.3	2.7	*	5.3	4.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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Lutheran General Hospital
1775 Dempster Street
Park Ridge, Illinois 60068-1174
Telephone 708/696-2210

January 10, 1991

Mrs. Sandra Kappert
Health Standards and Quality Bureau
Health Care Financing Administration
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Thank you for the opportunity of commenting on Medicare's hospital mortality information. The data has been reviewed thoroughly and our comments are as follows:

1. The following corrections are made in regards to the hospital characteristics:

Total beds (#):	712
Occupancy rate (%):	76
Registered nurses:	930
Licensed practical nurses:	22
Organ/tissue transplant:	No

2. Lutheran General Hospital used the data to construct confidence intervals to determine the importance of the observed mortality rate versus HCFA's predicted mortality rate deviations. The results revealed that Lutheran General Hospital satisfied the most stringent of the three confidence intervals and that the few deviations are not significantly different from the mortality rates predicted by HCFA.

3. Lutheran General Hospital is committed to improving the quality of care provided to our patients. Therefore, we welcome the opportunity of reviewing the HCFA mortality in our Quality Assurance Program and find it a confirmation of our 100% mortality review.

Sincerely,

Kevin Wardell

Kevin Wardell
President
Lutheran General Hospital

0750N1

Human Ecology is the understanding and care of human beings as whole persons in light of their relationships to God, to themselves, their families and the society in which they live.

LUTHERAN GENERAL HOSPITAL-LINCOLN PARK

2035 N Lincoln Avenue
Chicago, IL 60614

Medicare Provider Number: 140017

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	785	8.5	10.7	1.7	14.0	16.6	1.9	19.2	20.9	2.1
CONDITIONS:										
Acute Myocardial Infarction	8	25.0	26.9	*	25.0	31.4	*	37.5	35.8	*
Congestive Heart Failure	32	9.4	13.1	*	15.6	20.6	*	25.0	27.1	*
Pneumonia/Influenza	37	10.8	22.2	*	18.9	29.8	*	32.4	35.4	*
Chronic Obstructive Pulmonary Disease	9	0.0	2.9	*	11.1	5.7	*	11.1	8.3	*
Transient Cerebral Ischemia	15	0.0	1.8	*	0.0	3.8	*	0.0	6.1	*
Stroke	34	14.7	23.8	*	17.6	30.8	*	26.5	35.5	*
Hip Fracture	16	0.0	6.3	*	0.0	11.3	*	12.5	14.9	*
Sepsis	13	30.8	32.6	*	38.5	44.1	*	38.5	50.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	3.4	*	0.0	7.0	*	0.0	10.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	2.1	*	0.0	4.3	*	25.0	6.3	*
Open Reduction of Hip Fracture	10	0.0	6.2	*	0.0	11.6	*	10.0	15.3	*
Prostatectomy	22	0.0	1.2	*	4.5	2.9	*	4.5	4.9	*
Cholecystectomy	14	0.0	2.2	*	0.0	4.0	*	0.0	5.3	*
Hysterectomy	6	0.0	2.8	*	0.0	5.7	*	0.0	7.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1986

Total Beds	330
Ownership/Control	Church

STAFFING:

Medical Residents/Interns	0
Registered Nurses	134
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	Yes

**** Not used in calculating hospital mortality rates.**

LUTHERAN GENERAL HOSPITAL-LINCOLN PARK

Medicare Provider Number: 140017

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	814	10.2	10.8	1.5	16.2	16.3	1.5	19.8	20.4	1.7
CONDITIONS:										
Acute Myocardial Infarction	28	28.6	35.6	*	32.1	39.1	*	42.9	42.9	*
Congestive Heart Failure	46	23.9	14.8	*	28.3	22.3	*	30.4	28.4	*
Pneumonia/Influenza	32	3.1	16.1	*	9.4	21.9	*	15.6	26.6	*
Chronic Obstructive Pulmonary Disease	12	0.0	6.8	*	8.3	13.3	*	8.3	18.6	*
Transient Cerebral Ischemia	13	0.0	2.3	*	7.7	5.1	*	7.7	8.0	*
Stroke	26	23.1	24.1	*	26.9	30.0	*	26.9	34.5	*
Hip Fracture	31	9.7	7.7	*	19.4	13.8	*	19.4	17.5	*
Sepsis	18	11.1	26.1	*	33.3	36.2	*	38.9	43.0	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	2.6	*	0.0	4.6	*	0.0	6.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	16.7	5.0	*	25.0	9.8	*	25.0	13.3	*
Open Reduction of Hip Fracture	23	4.3	7.1	*	13.0	13.3	*	13.0	17.3	*
Prostatectomy	14	0.0	1.6	*	0.0	3.7	*	0.0	5.8	*
Cholecystectomy	17	5.9	4.3	*	11.8	8.4	*	11.8	11.4	*
Hysterectomy	5	20.0	0.7	*	20.0	1.6	*	20.0	2.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	918	8.5	11.9	2.3	17.3	18.0	2.2	22.5	22.5	3.3
CONDITIONS:										
Acute Myocardial Infarction	29	34.5	36.0	*	44.8	40.8	*	51.7	44.7	*
Congestive Heart Failure	52	11.5	18.0	10.2	23.1	26.6	10.5	30.8	33.5	8.6
Pneumonia/Influenza	52	11.5	23.1	8.0	21.2	30.3	7.9	25.0	35.9	8.0
Chronic Obstructive Pulmonary Disease	7	0.0	6.5	*	14.3	12.5	*	14.3	18.1	*
Transient Cerebral Ischemia	18	0.0	2.1	*	0.0	4.3	*	0.0	6.6	*
Stroke	32	21.9	24.7	*	31.3	32.5	*	34.4	37.4	*
Hip Fracture	27	14.8	9.0	*	18.5	16.1	*	25.9	20.6	*
Sepsis	31	16.1	36.5	*	51.6	47.3	*	64.5	54.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	20.0	3.0	*	40.0	6.2	*	50.0	9.4	*
Carotid Endarterectomy	1	0.0	1.5	*	0.0	2.9	*	0.0	4.2	*
Hip Replacement/Reconstruction	14	7.1	7.6	*	14.3	13.9	*	14.3	17.8	*
Open Reduction of Hip Fracture	13	7.7	6.8	*	7.7	12.8	*	15.4	16.8	*
Prostatectomy	38	2.6	1.2	*	5.3	3.1	*	7.9	5.3	*
Cholecystectomy	18	5.6	3.0	*	16.7	5.1	*	22.2	6.5	*
Hysterectomy	6	0.0	2.5	*	16.7	5.7	*	16.7	9.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MAC NEAL MEMORIAL HOSPITAL

3231 South Euclid Avenue
Berwyn, IL 60402

Medicare Provider Number: 140054

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,120	10.8	10.1	0.8	16.1	15.1	1.0	19.4	19.0	1.0
CONDITIONS:										
Acute Myocardial Infarction	132	24.2	26.0	4.2	28.8	29.2	4.5	32.6	32.4	4.1
Congestive Heart Failure	165	14.5	14.6	2.9	23.6	22.7	3.5	30.9	29.4	4.3
Pneumonia/Influenza	145	18.6	17.5	4.0	22.8	23.7	3.6	26.9	28.6	4.2
Chronic Obstructive Pulmonary Disease	24	0.0	7.7	*	12.5	13.3	*	20.8	17.9	*
Transient Cerebral Ischemia	62	0.0	1.9	2.6	3.2	4.2	2.7	4.8	6.6	3.5
Stroke	162	25.9	22.3	4.8	32.7	29.2	7.0	37.7	33.7	5.9
Hip Fracture	102	7.8	7.0	2.6	10.8	12.2	3.5	11.8	15.5	4.9
Sepsis	17	47.1	30.8	*	58.8	40.0	*	64.7	46.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	32	3.1	3.7	*	9.4	7.4	*	15.6	10.8	*
Carotid Endarterectomy	6	0.0	1.5	*	0.0	2.8	*	0.0	4.0	*
Hip Replacement/Reconstruction	49	4.1	4.2	*	6.1	7.7	*	6.1	10.0	*
Open Reduction of Hip Fracture	66	9.1	6.8	4.1	12.1	12.3	4.0	13.6	15.9	5.1
Prostatectomy	136	2.2	1.3	1.2	4.4	3.1	1.8	5.1	5.2	1.9
Cholecystectomy	77	3.9	3.0	2.0	11.7	5.4	4.3	11.7	7.1	4.3
Hysterectomy	26	3.8	3.0	*	3.8	5.7	*	3.8	7.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	427
Occupancy Rate	56
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	193
Percent of Physicians Board Certified Specialists	72
Medical Residents/Interns	53
Registered Nurses	346
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

MAC NEAL MEMORIAL HOSPITAL

Medicare Provider Number: 140054

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,170	13.6	10.8	0.9	18.6	15.8	1.0	21.7	19.7	0.8
CONDITIONS:										
Acute Myocardial Infarction	130	34.6	29.1	4.7	38.5	32.3	5.2	40.8	35.8	4.9
Congestive Heart Failure	178	18.0	15.9	3.5	26.4	23.9	4.3	32.6	30.6	4.4
Pneumonia/Influenza	149	23.5	19.2	5.9	30.9	25.4	6.7	33.6	30.3	5.3
Chronic Obstructive Pulmonary Disease	24	4.2	9.4	*	12.5	15.2	*	20.8	20.3	*
Transient Cerebral Ischemia	54	1.9	1.9	2.0	5.6	4.3	3.3	5.6	6.7	3.7
Stroke	141	28.4	24.6	4.7	31.9	31.1	4.0	36.2	35.8	4.1
Hip Fracture	110	9.1	6.9	3.8	12.7	12.3	3.4	15.5	15.7	3.5
Sepsis	26	26.9	31.9	*	38.5	40.2	*	46.2	46.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	20	5.0	6.5	*	10.0	9.6	*	10.0	12.4	*
Carotid Endarterectomy	7	0.0	1.2	*	0.0	2.2	*	0.0	3.3	*
Hip Replacement/Reconstruction	54	9.3	4.9	5.0	11.1	9.3	4.6	13.0	12.3	4.5
Open Reduction of Hip Fracture	70	10.0	6.4	6.1	15.7	11.9	6.7	18.6	15.5	6.0
Prostatectomy	162	1.9	1.2	1.4	4.9	2.8	2.3	5.6	4.6	2.3
Cholecystectomy	80	3.7	4.7	2.7	3.7	7.5	3.8	5.0	9.2	4.4
Hysterectomy	28	0.0	4.1	*	7.1	7.1	*	7.1	9.2	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,926	11.8	11.5	0.7	16.9	16.5	0.8	20.7	20.3	0.8
CONDITIONS:										
Acute Myocardial Infarction	143	35.0	31.3	5.9	37.8	34.8	5.9	40.6	38.5	4.7
Congestive Heart Failure	139	15.8	17.0	3.3	23.0	25.1	3.9	25.9	31.9	5.6
Pneumonia/Influenza	116	27.6	19.5	4.9	38.8	26.0	6.4	44.0	31.2	6.9
Chronic Obstructive Pulmonary Disease	20	20.0	10.9	*	25.0	17.4	*	45.0	22.4	*
Transient Cerebral Ischemia	44	4.5	2.0	*	4.5	4.4	*	11.4	6.9	*
Stroke	175	25.1	23.7	3.6	35.4	30.3	5.2	38.9	34.8	4.9
Hip Fracture	83	6.0	7.0	3.5	10.8	12.2	5.1	10.8	15.5	5.9
Sepsis	37	18.9	29.7	*	37.8	38.8	*	43.2	45.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	24	8.3	4.1	*	20.8	8.3	*	20.8	11.9	*
Carotid Endarterectomy	8	0.0	1.5	*	12.5	2.7	*	12.5	3.8	*
Hip Replacement/Reconstruction	52	5.8	4.5	4.3	11.5	8.0	5.7	11.5	10.4	6.2
Open Reduction of Hip Fracture	49	4.1	6.3	*	8.2	11.7	*	8.2	15.1	*
Prostatectomy	167	1.2	1.3	0.9	3.6	3.1	1.6	4.8	5.1	1.7
Cholecystectomy	89	0.0	3.4	2.6	2.2	5.7	3.5	3.4	7.3	3.7
Hysterectomy	25	0.0	0.9	*	0.0	1.9	*	4.0	3.0	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

211.1

3249 South Oak Park Avenue
Berwyn, Illinois 60402
708 795-9100

MacNeal
Hospital

Provider No. 140054

January 14, 1991

Mrs. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

RE: HCFA Mortality Data
MacNeal Hospital

Dear Mrs. Kappert:

As a 427-bed community teaching hospital with a 15-year formal program of medical quality assurance, MacNeal is actively engaged in constant scrutiny of its medical care in search of opportunities for improvement. MacNeal welcomes the information HCFA provides as an additional tool for use in its quality assurance program.

It should be noted that this report differs from past reports in that it extends the calculation of the observed and predicted mortality rates to 90 and 180 day mortality rates. We find no reasonable basis for associating mortality with hospital medical or surgical treatment beyond 30 days.

The HCFA Mortality Report for this year demonstrates a reduction in the 1989 overall mortality rates for MacNeal as compared to 1988 and 1987. The mortality rates for all specific disease conditions are well within one standard deviation of predicted rates.

In some cases, as you note, an insufficient quantity of cases were reviewed, making the information statistically invalid. Since this may be misleading, we hope that in the future this information is deleted.

Review of the cholecystectomy cases revealed that all mortalities within 90 days were unrelated to the cholecystectomy procedure.

We thank you for your communication and if we can be of any further assistance, please do not hesitate to contact me.

Sincerely,

Russell M. Petrak, M.D.
Academic Director
Internal Medicine

MARION MEMORIAL HOSPITAL

917 W Main
Marion, IL 62959

Medicare Provider Number: 140184

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	989	8.4	10.0	1.4	13.4	14.9	1.6	17.3	18.8	1.4
CONDITIONS:										
Acute Myocardial Infarction	31	25.8	27.3	*	35.5	30.6	*	35.5	34.2	*
Congestive Heart Failure	57	17.5	15.8	5.3	26.3	24.4	8.5	35.1	31.5	9.8
Pneumonia/Influenza	55	12.7	18.6	6.9	23.6	25.0	6.3	27.3	30.0	6.4
Chronic Obstructive Pulmonary Disease	7	0.0	5.5	*	0.0	10.0	*	0.0	14.3	*
Transient Cerebral Ischemia	12	8.3	1.9	*	8.3	4.3	*	8.3	7.0	*
Stroke	42	14.3	19.2	*	19.0	25.2	*	21.4	29.8	*
Hip Fracture	22	4.5	8.3	*	13.6	14.6	*	13.6	18.6	*
Sepsis	6	16.7	18.6	*	16.7	23.8	*	16.7	28.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	7.7	*	0.0	12.1	*	0.0	15.1	*
Carotid Endarterectomy	4	0.0	1.1	*	0.0	1.9	*	0.0	2.9	*
Hip Replacement/Reconstruction	15	0.0	2.2	*	0.0	4.0	*	0.0	5.4	*
Open Reduction of Hip Fracture	11	0.0	9.0	*	9.1	16.5	*	9.1	21.2	*
Prostatectomy	17	0.0	1.6	*	11.8	4.0	*	17.6	6.8	*
Cholecystectomy	21	0.0	1.3	*	0.0	2.3	*	4.8	3.0	*
Hysterectomy	5	0.0	0.5	*	0.0	1.1	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	103
Occupancy Rate	56
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	37
Percent of Physicians Board Certified Specialists	78
Medical Residents/Interns	0
Registered Nurses	82
Licensed Practical Nurses	48

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MARION MEMORIAL HOSPITAL

Medicare Provider Number: 140184

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,125	8.1	9.5	1.2	13.5	14.3	1.1	16.8	18.2	1.3
CONDITIONS:										
Acute Myocardial Infarction	41	34.1	24.6	*	34.1	28.0	*	36.6	31.6	*
Congestive Heart Failure	66	16.7	16.6	4.7	25.8	24.5	5.4	31.8	30.8	6.1
Pneumonia/Influenza	77	15.6	17.2	4.8	24.7	23.3	5.8	27.3	28.1	6.7
Chronic Obstructive Pulmonary Disease	8	0.0	10.3	*	12.5	20.8	*	12.5	30.3	*
Transient Cerebral Ischemia	15	0.0	2.3	*	6.7	4.9	*	20.0	7.7	*
Stroke	23	30.4	19.4	*	47.8	25.3	*	52.2	29.8	*
Hip Fracture	23	4.3	6.2	*	8.7	11.0	*	13.0	13.8	*
Sepsis	11	0.0	34.5	*	36.4	44.2	*	45.5	51.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	5.3	*	0.0	10.5	*	0.0	14.5	*
Carotid Endarterectomy	1	0.0	1.4	*	0.0	2.5	*	0.0	3.7	*
Hip Replacement/Reconstruction	12	8.3	3.1	*	8.3	5.6	*	8.3	7.0	*
Open Reduction of Hip Fracture	12	0.0	5.9	*	8.3	10.9	*	8.3	14.1	*
Prostatectomy	19	0.0	1.1	*	5.3	2.8	*	5.3	4.8	*
Cholecystectomy	24	0.0	2.3	*	0.0	3.9	*	0.0	4.8	*
Hysterectomy	17	0.0	1.0	*	0.0	2.2	*	5.9	3.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,140	8.9	10.1	3.2	13.3	14.9	3.7	16.6	18.9	4.1
CONDITIONS:										
Acute Myocardial Infarction	36	33.3	30.1	*	38.9	33.4	*	38.9	37.2	*
Congestive Heart Failure	68	16.2	17.7	5.5	22.1	26.5	6.4	27.9	33.8	8.9
Pneumonia/Influenza	57	8.8	20.6	7.7	19.3	27.4	7.5	29.8	32.6	6.5
Chronic Obstructive Pulmonary Disease	20	20.0	10.7	*	40.0	17.9	*	40.0	23.6	*
Transient Cerebral Ischemia	21	4.8	2.0	*	14.3	4.4	*	19.0	7.0	*
Stroke	38	15.8	20.1	*	23.7	26.4	*	28.9	31.2	*
Hip Fracture	25	16.0	8.3	*	20.0	14.6	*	20.0	18.4	*
Sepsis	11	27.3	22.4	*	36.4	29.7	*	36.4	35.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	16	0.0	4.2	*	0.0	7.7	*	0.0	10.6	*
Carotid Endarterectomy	1	0.0	1.1	*	0.0	2.3	*	0.0	3.7	*
Hip Replacement/Reconstruction	9	0.0	2.7	*	0.0	5.5	*	0.0	7.6	*
Open Reduction of Hip Fracture	16	12.5	8.9	*	18.8	16.2	*	18.8	20.6	*
Prostatectomy	26	0.0	1.1	*	0.0	2.6	*	0.0	4.5	*
Cholecystectomy	19	5.3	2.5	*	5.3	4.2	*	5.3	5.2	*
Hysterectomy	7	0.0	0.4	*	0.0	0.7	*	0.0	1.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MARSHALL BROWNING HOSPITAL

900 N Washington
Du Quoin, IL 62832

Medicare Provider Number: 140037

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	354	11.9	9.7	3.9	15.5	14.1	3.8	19.2	17.7	4.9
CONDITIONS:										
Acute Myocardial Infarction	11	27.3	31.7	*	45.5	35.2	*	45.5	38.8	*
Congestive Heart Failure	26	42.3	16.8	*	53.8	25.2	*	53.8	32.3	*
Pneumonia/Influenza	30	10.0	15.8	*	13.3	21.1	*	16.7	25.6	*
Chronic Obstructive Pulmonary Disease	4	0.0	5.5	*	0.0	12.2	*	25.0	18.2	*
Transient Cerebral Ischemia	7	0.0	1.5	*	0.0	3.3	*	0.0	5.2	*
Stroke	17	47.1	31.2	*	52.9	37.9	*	64.7	42.8	*
Hip Fracture	12	8.3	6.0	*	16.7	10.9	*	41.7	14.2	*
Sepsis	8	0.0	21.7	*	0.0	28.4	*	37.5	33.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	5.0	*	33.3	9.8	*	66.7	13.1	*
Open Reduction of Hip Fracture	5	20.0	4.8	*	20.0	8.7	*	20.0	11.4	*
Prostatectomy	10	0.0	1.1	*	0.0	2.6	*	0.0	4.4	*
Cholecystectomy	2	0.0	1.0	*	0.0	1.6	*	0.0	2.2	*
Hysterectomy	4	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	60
Occupancy Rate	25
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	24
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	24
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MARSHALL BROWNING HOSPITAL

Medicare Provider Number: 140037

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	376	10.4	10.4	1.9	15.7	15.3	2.2	18.9	18.9	2.2
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	30.5	*	30.0	33.6	*	40.0	37.0	*
Congestive Heart Failure	23	30.4	16.2	*	39.1	24.0	*	43.5	30.6	*
Pneumonia/Influenza	22	13.6	17.6	*	31.8	23.6	*	31.8	28.3	*
Chronic Obstructive Pulmonary Disease	3	0.0	6.1	*	0.0	11.5	*	0.0	15.7	*
Transient Cerebral Ischemia	8	0.0	2.1	*	0.0	4.9	*	12.5	7.9	*
Stroke	11	18.2	26.8	*	27.3	32.9	*	36.4	37.4	*
Hip Fracture	14	0.0	6.0	*	7.1	10.4	*	7.1	13.2	*
Sepsis	6	16.7	39.6	*	33.3	50.3	*	33.3	57.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	7.3	*	0.0	13.5	*	0.0	17.0	*
Open Reduction of Hip Fracture	7	0.0	5.1	*	14.3	9.5	*	14.3	12.4	*
Prostatectomy	4	0.0	0.9	*	0.0	2.0	*	0.0	3.2	*
Cholecystectomy	10	0.0	1.4	*	0.0	2.5	*	0.0	3.2	*
Hysterectomy	8	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	355	15.8	13.1	2.4	21.7	18.8	2.6	26.2	23.0	4.0
CONDITIONS:										
Acute Myocardial Infarction	22	45.5	35.9	*	45.5	40.8	*	50.0	45.1	*
Congestive Heart Failure	28	39.3	18.5	*	46.4	26.9	*	53.6	33.8	*
Pneumonia/Influenza	28	21.4	17.4	*	28.6	24.0	*	32.1	28.9	*
Chronic Obstructive Pulmonary Disease	4	0.0	7.2	*	0.0	12.0	*	0.0	16.3	*
Transient Cerebral Ischemia	9	0.0	1.8	*	0.0	3.9	*	0.0	6.2	*
Stroke	15	13.3	29.3	*	26.7	35.9	*	33.3	40.4	*
Hip Fracture	11	18.2	7.9	*	18.2	14.1	*	18.2	18.0	*
Sepsis	4	0.0	28.9	*	0.0	37.1	*	0.0	42.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	15.7	*	0.0	29.0	*	0.0	36.7	*
Open Reduction of Hip Fracture	3	0.0	5.2	*	0.0	9.6	*	0.0	12.5	*
Prostatectomy	0									
Cholecystectomy	6	0.0	0.7	*	0.0	1.2	*	0.0	1.7	*
Hysterectomy	5	0.0	0.2	*	0.0	0.5	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MARTHA WASHINGTON HOSPITAL

4055 N Western Ave
Chicago, IL 60618

Medicare Provider Number: 140072

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	830	8.7	9.5	1.2	15.1	14.5	2.3	18.0	18.4	1.8
CONDITIONS:										
Acute Myocardial Infarction	19	31.6	31.1	*	36.8	34.2	*	42.1	37.7	*
Congestive Heart Failure	74	10.8	16.1	5.0	14.9	25.0	6.9	23.0	32.0	7.8
Pneumonia/Influenza	32	6.3	14.8	*	18.8	19.9	*	18.8	24.1	*
Chronic Obstructive Pulmonary Disease	15	20.0	7.5	*	20.0	12.9	*	20.0	17.8	*
Transient Cerebral Ischemia	15	0.0	1.6	*	0.0	3.6	*	0.0	5.9	*
Stroke	28	28.6	23.6	*	28.6	29.7	*	35.7	34.1	*
Hip Fracture	17	0.0	8.5	*	29.4	14.8	*	29.4	18.6	*
Sepsis	9	22.2	26.4	*	22.2	36.8	*	22.2	42.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.7	*	0.0	5.7	*	0.0	8.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	0.0	7.0	*	16.7	12.5	*	16.7	15.8	*
Open Reduction of Hip Fracture	8	0.0	4.9	*	37.5	8.9	*	37.5	11.4	*
Prostatectomy	17	0.0	2.6	*	5.9	6.3	*	11.8	10.1	*
Cholecystectomy	9	0.0	3.4	*	0.0	6.7	*	0.0	9.6	*
Hysterectomy	2	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	175
Occupancy Rate	54
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	87
Percent of Physicians Board Certified Specialists	64
Medical Residents/Interns	0
Registered Nurses	123
Licensed Practical Nurses	17

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MARTHA WASHINGTON HOSPITAL

Medicare Provider Number: 140072

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,035	9.7	9.3	1.7	13.6	13.8	1.1	17.5	17.4	1.2
CONDITIONS:										
Acute Myocardial Infarction	24	37.5	32.1	*	41.7	35.2	*	50.0	38.4	*
Congestive Heart Failure	74	20.3	16.5	7.4	28.4	25.3	7.8	35.1	32.4	6.7
Pneumonia/Influenza	53	3.8	15.9	6.6	7.5	21.5	7.4	15.1	25.9	7.8
Chronic Obstructive Pulmonary Disease	5	0.0	8.1	*	0.0	13.3	*	40.0	17.6	*
Transient Cerebral Ischemia	25	0.0	1.6	*	0.0	3.3	*	0.0	5.1	*
Stroke	54	20.4	21.8	5.7	27.8	28.2	7.0	38.9	32.7	9.0
Hip Fracture	25	8.0	6.8	*	16.0	12.1	*	16.0	15.4	*
Sepsis	12	16.7	22.1	*	25.0	30.7	*	33.3	36.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.7	*	0.0	5.2	*	0.0	7.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	14.3	5.4	*	14.3	9.8	*	14.3	12.5	*
Open Reduction of Hip Fracture	17	0.0	5.8	*	11.8	10.8	*	11.8	14.2	*
Prostatectomy	27	3.7	1.6	*	3.7	3.0	*	7.4	4.6	*
Cholecystectomy	7	0.0	2.5	*	0.0	3.7	*	0.0	4.4	*
Hysterectomy	1	0.0	0.0	*	0.0	0.1	*	0.0	0.1	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,022	7.2	8.9	2.6	12.2	13.5	2.0	14.9	17.1	3.1
CONDITIONS:										
Acute Myocardial Infarction	21	38.1	36.0	*	42.9	39.6	*	42.9	43.1	*
Congestive Heart Failure	87	9.2	17.5	7.3	19.5	26.4	7.3	29.9	33.6	5.6
Pneumonia/Influenza	40	22.5	18.6	*	27.5	24.6	*	30.0	29.3	*
Chronic Obstructive Pulmonary Disease	12	0.0	11.4	*	25.0	18.4	*	25.0	23.5	*
Transient Cerebral Ischemia	20	0.0	2.3	*	5.0	5.2	*	10.0	8.5	*
Stroke	36	27.8	22.3	*	33.3	29.2	*	41.7	33.7	*
Hip Fracture	26	3.8	6.5	*	11.5	11.2	*	15.4	14.2	*
Sepsis	12	25.0	23.5	*	41.7	31.2	*	41.7	36.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	0.0	3.9	*	0.0	8.1	*	0.0	11.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	25.0	3.7	*	25.0	7.0	*	25.0	9.5	*
Open Reduction of Hip Fracture	15	0.0	6.5	*	6.7	11.8	*	13.3	15.3	*
Prostatectomy	21	0.0	1.7	*	4.8	4.2	*	4.8	6.7	*
Cholecystectomy	15	20.0	5.1	*	26.7	9.3	*	26.7	12.1	*
Hysterectomy	3	0.0	2.3	*	0.0	5.0	*	0.0	7.7	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MASON DISTRICT HOSPITAL

520 East Franklin Street
Havana, IL 62644

Medicare Provider Number: 140112

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	301	10.0	10.7	1.9	15.6	16.1	2.3	19.3	20.4	2.5
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	27.3	*	28.6	29.3	*	28.6	32.1	*
Congestive Heart Failure	30	13.3	16.1	*	16.7	25.1	*	20.0	32.4	*
Pneumonia/Influenza	26	23.1	18.6	*	42.3	25.6	*	46.2	30.9	*
Chronic Obstructive Pulmonary Disease	10	10.0	8.3	*	10.0	13.5	*	20.0	18.1	*
Transient Cerebral Ischemia	9	0.0	2.4	*	0.0	5.5	*	22.2	9.0	*
Stroke	5	20.0	19.9	*	20.0	28.5	*	20.0	33.3	*
Hip Fracture	8	0.0	7.2	*	0.0	12.6	*	12.5	16.0	*
Sepsis	3	0.0	18.1	*	0.0	26.3	*	0.0	31.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	0.9	*	100.0	2.0	*	100.0	3.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	4.4	*	0.0	7.8	*	50.0	10.0	*
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	1.1	*	0.0	2.7	*	0.0	4.6	*
Cholecystectomy	6	0.0	2.5	*	0.0	4.2	*	0.0	5.4	*
Hysterectomy	1	0.0	4.1	*	0.0	7.9	*	0.0	10.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	36
Occupancy Rate	36
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	26
Percent of Physicians Board Certified Specialists	73
Medical Residents/Interns	0
Registered Nurses	29
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MASON DISTRICT HOSPITAL

Medicare Provider Number: 140112

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	299	10.7	10.5	2.7	18.1	15.9	3.5	22.4	20.2	4.2
CONDITIONS:										
Acute Myocardial Infarction	11	9.1	25.9	*	18.2	29.6	*	18.2	33.6	*
Congestive Heart Failure	19	5.3	17.2	*	15.8	25.6	*	15.8	32.5	*
Pneumonia/Influenza	31	22.6	17.4	*	38.7	23.1	*	41.9	27.6	*
Chronic Obstructive Pulmonary Disease	5	0.0	3.7	*	0.0	6.8	*	0.0	9.8	*
Transient Cerebral Ischemia	4	0.0	2.5	*	0.0	6.1	*	0.0	9.8	*
Stroke	11	27.3	19.0	*	27.3	25.6	*	36.4	30.4	*
Hip Fracture	5	40.0	5.5	*	40.0	10.5	*	60.0	14.0	*
Sepsis	4	0.0	19.6	*	0.0	28.2	*	0.0	34.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	5.0	*	0.0	9.3	*	0.0	12.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	0.8	*	0.0	1.5	*	100.0	2.2	*
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	0.7	*	0.0	1.7	*	0.0	2.7	*
Cholecystectomy	5	0.0	1.5	*	0.0	3.2	*	0.0	4.4	*
Hysterectomy	1	0.0	0.5	*	0.0	0.9	*	0.0	1.1	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	313	10.9	11.0	3.6	16.9	17.1	3.2	22.4	22.0	2.6
CONDITIONS:										
Acute Myocardial Infarction	10	40.0	23.8	*	40.0	28.5	*	40.0	32.5	*
Congestive Heart Failure	16	31.3	13.9	*	37.5	21.0	*	50.0	27.3	*
Pneumonia/Influenza	20	25.0	19.3	*	35.0	26.2	*	40.0	31.5	*
Chronic Obstructive Pulmonary Disease	10	10.0	4.2	*	10.0	8.5	*	10.0	12.4	*
Transient Cerebral Ischemia	6	0.0	1.6	*	0.0	3.3	*	0.0	5.2	*
Stroke	11	27.3	26.0	*	27.3	32.6	*	36.4	37.4	*
Hip Fracture	11	9.1	5.2	*	18.2	9.5	*	18.2	12.6	*
Sepsis	9	11.1	26.4	*	33.3	35.3	*	33.3	41.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	2.5	*	0.0	5.0	*	0.0	6.9	*
Open Reduction of Hip Fracture	1	100.0	6.4	*	100.0	12.8	*	100.0	17.4	*
Prostatectomy	10	0.0	0.6	*	0.0	1.5	*	10.0	2.5	*
Cholecystectomy	6	0.0	8.4	*	0.0	12.2	*	0.0	14.5	*
Hysterectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MASSAC MEMORIAL HOSPITAL

Memorial Heights
Metropolis, IL 62960

Medicare Provider Number: 140042

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	672	8.6	10.1	1.5	12.9	15.1	2.5	15.6	19.1	2.3
CONDITIONS:										
Acute Myocardial Infarction	26	38.5	31.7	*	38.5	35.2	*	50.0	38.8	*
Congestive Heart Failure	54	11.1	16.1	5.7	20.4	24.6	7.8	25.9	31.5	7.5
Pneumonia/Influenza	34	8.8	13.8	*	11.8	18.6	*	14.7	22.6	*
Chronic Obstructive Pulmonary Disease	5	20.0	5.8	*	20.0	13.2	*	20.0	20.3	*
Transient Cerebral Ischemia	11	0.0	2.2	*	0.0	4.9	*	0.0	7.8	*
Stroke	17	29.4	24.7	*	35.3	32.6	*	41.2	37.7	*
Hip Fracture	6	16.7	7.4	*	33.3	12.9	*	33.3	16.6	*
Sepsis	7	42.9	20.5	*	42.9	27.6	*	42.9	32.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	4	25.0	6.2	*	25.0	11.3	*	25.0	14.9	*
Prostatectomy	9	0.0	1.0	*	0.0	2.4	*	11.1	4.0	*
Cholecystectomy	9	0.0	2.8	*	0.0	4.9	*	0.0	6.0	*
Hysterectomy	4	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	57
Occupancy Rate	53
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MASSAC MEMORIAL HOSPITAL

Medicare Provider Number: 140042

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	619	10.3	11.9	2.1	15.0	17.4	2.1	19.9	21.6	2.0
CONDITIONS:										
Acute Myocardial Infarction	35	40.0	32.5	*	42.9	35.8	*	42.9	39.6	*
Congestive Heart Failure	49	14.3	17.8	*	20.4	27.3	*	30.6	34.8	*
Pneumonia/Influenza	39	7.7	18.8	*	15.4	25.5	*	20.5	30.3	*
Chronic Obstructive Pulmonary Disease	9	0.0	4.3	*	0.0	8.1	*	0.0	11.3	*
Transient Cerebral Ischemia	18	0.0	2.6	*	0.0	5.8	*	11.1	9.1	*
Stroke	12	33.3	23.5	*	33.3	32.3	*	33.3	37.9	*
Hip Fracture	12	8.3	8.9	*	25.0	16.0	*	25.0	20.3	*
Sepsis	7	0.0	19.4	*	0.0	27.3	*	0.0	32.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	11	0.0	7.4	*	18.2	14.0	*	18.2	18.3	*
Prostatectomy	20	0.0	1.6	*	5.0	4.0	*	10.0	6.9	*
Cholecystectomy	10	0.0	1.5	*	0.0	2.6	*	0.0	3.5	*
Hysterectomy	2	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	606	8.3	9.6	3.1	10.7	14.3	4.1	13.5	18.0	4.9
CONDITIONS:										
Acute Myocardial Infarction	27	29.6	36.0	*	33.3	40.0	*	37.0	44.3	*
Congestive Heart Failure	33	15.2	18.3	*	21.2	27.9	*	21.2	35.4	*
Pneumonia/Influenza	29	3.4	18.5	*	10.3	24.8	*	17.2	29.5	*
Chronic Obstructive Pulmonary Disease	11	9.1	7.4	*	9.1	13.2	*	18.2	17.9	*
Transient Cerebral Ischemia	22	4.5	3.2	*	4.5	7.4	*	4.5	11.8	*
Stroke	11	27.3	20.9	*	36.4	28.8	*	36.4	33.8	*
Hip Fracture	6	33.3	9.5	*	33.3	15.7	*	33.3	19.2	*
Sepsis	7	71.4	45.6	*	71.4	56.3	*	71.4	63.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	6	33.3	8.2	*	33.3	14.4	*	33.3	18.0	*
Prostatectomy	8	0.0	1.8	*	0.0	4.7	*	12.5	7.8	*
Cholecystectomy	9	0.0	3.4	*	0.0	4.8	*	0.0	5.8	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MC DONOUGH DISTRICT HOSPITAL

525 East Grant Street
Macomb, IL 61455

Medicare Provider Number: 140089

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,282	9.4	9.1	1.2	14.2	14.0	1.2	18.3	17.9	1.1
CONDITIONS:										
Acute Myocardial Infarction	38	47.4	25.5	*	47.4	29.1	*	47.4	32.7	*
Congestive Heart Failure	86	17.4	16.7	6.9	30.2	25.6	8.6	39.5	32.9	11.6
Pneumonia/Influenza	57	15.8	18.4	5.6	24.6	24.8	6.0	29.8	29.7	6.1
Chronic Obstructive Pulmonary Disease	19	10.5	6.0	*	15.8	11.6	*	21.1	17.1	*
Transient Cerebral Ischemia	35	5.7	1.9	*	8.6	4.3	*	14.3	7.0	*
Stroke	45	20.0	20.8	*	28.9	27.4	*	28.9	31.7	*
Hip Fracture	51	9.8	7.8	4.2	13.7	14.1	4.9	21.6	18.2	6.4
Sepsis	7	14.3	25.0	*	14.3	30.9	*	14.3	36.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	4.6	*	0.0	7.5	*	14.3	10.0	*
Carotid Endarterectomy	1	0.0	3.4	*	0.0	8.2	*	0.0	12.6	*
Hip Replacement/Reconstruction	41	4.9	2.2	*	7.3	4.2	*	9.8	5.9	*
Open Reduction of Hip Fracture	24	8.3	8.5	*	16.7	15.8	*	20.8	20.5	*
Prostatectomy	38	0.0	1.5	*	2.6	3.8	*	2.6	6.6	*
Cholecystectomy	31	0.0	3.7	*	3.2	6.4	*	6.5	8.3	*
Hysterectomy	4	0.0	2.1	*	25.0	4.8	*	25.0	7.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	155
Occupancy Rate	48
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	41
Percent of Physicians Board Certified Specialists	80
Medical Residents/Interns	0
Registered Nurses	98
Licensed Practical Nurses	28

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MC DONOUGH DISTRICT HOSPITAL

Medicare Provider Number: 140089

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,439	10.4	8.5	1.3	14.9	13.2	1.4	18.4	17.0	1.7
CONDITIONS:										
Acute Myocardial Infarction	31	45.2	31.8	*	45.2	35.1	*	48.4	38.4	*
Congestive Heart Failure	68	22.1	16.6	7.3	32.4	25.0	10.4	41.2	31.9	12.7
Pneumonia/Influenza	77	15.6	16.9	4.5	22.1	22.7	4.8	26.0	27.2	5.9
Chronic Obstructive Pulmonary Disease	20	15.0	6.0	*	20.0	11.6	*	25.0	16.8	*
Transient Cerebral Ischemia	36	0.0	1.8	*	2.8	4.2	*	5.6	6.7	*
Stroke	44	34.1	22.6	*	38.6	30.5	*	47.7	35.4	*
Hip Fracture	61	9.8	6.5	4.3	13.1	12.1	5.1	19.7	15.8	7.1
Sepsis	19	31.6	30.2	*	36.8	38.8	*	36.8	44.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	3.3	*	0.0	6.2	*	11.1	8.7	*
Carotid Endarterectomy	2	0.0	3.1	*	0.0	5.8	*	0.0	8.7	*
Hip Replacement/Reconstruction	41	9.8	3.8	*	9.8	7.1	*	12.2	9.2	*
Open Reduction of Hip Fracture	30	3.3	5.7	*	10.0	10.9	*	16.7	14.4	*
Prostatectomy	49	6.1	1.2	*	8.2	2.8	*	8.2	4.6	*
Cholecystectomy	21	4.8	3.3	*	4.8	6.1	*	4.8	8.2	*
Hysterectomy	10	0.0	0.7	*	10.0	1.4	*	10.0	2.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,336	8.1	8.0	0.7	11.7	12.4	1.3	14.8	15.8	2.0
CONDITIONS:										
Acute Myocardial Infarction	30	26.7	28.7	*	30.0	31.8	*	33.3	35.1	*
Congestive Heart Failure	58	12.1	16.3	7.5	19.0	24.7	8.6	29.3	31.7	7.6
Pneumonia/Influenza	67	11.9	17.2	5.8	17.9	23.5	7.3	20.9	28.4	6.9
Chronic Obstructive Pulmonary Disease	7	14.3	9.4	*	28.6	15.6	*	28.6	20.1	*
Transient Cerebral Ischemia	46	4.3	2.1	*	6.5	4.4	*	8.7	7.0	*
Stroke	57	21.1	22.4	6.0	29.8	30.1	6.1	31.6	34.8	8.1
Hip Fracture	55	9.1	6.4	5.7	12.7	11.9	6.5	18.2	15.5	8.5
Sepsis	4	25.0	19.2	*	25.0	27.8	*	25.0	33.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	3.7	*	16.7	7.2	*	16.7	10.1	*
Carotid Endarterectomy	6	16.7	2.6	*	16.7	5.8	*	16.7	8.9	*
Hip Replacement/Reconstruction	28	3.6	3.1	*	7.1	6.1	*	10.7	8.2	*
Open Reduction of Hip Fracture	35	11.4	5.8	*	14.3	11.4	*	17.1	15.2	*
Prostatectomy	37	5.4	1.0	*	5.4	2.4	*	8.1	4.1	*
Cholecystectomy	25	4.0	2.0	*	12.0	3.8	*	16.0	5.0	*
Hysterectomy	8	0.0	1.1	*	0.0	2.1	*	0.0	3.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MEMORIAL HOSPITAL

South Adams Street
Carthage, IL 62321

Medicare Provider Number: 140081

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	328	5.2	8.0	3.2	9.1	12.3	4.1	12.5	16.0	4.1
CONDITIONS:										
Acute Myocardial Infarction	10	20.0	27.7	*	20.0	30.0	*	30.0	32.9	*
Congestive Heart Failure	14	0.0	13.8	*	7.1	21.9	*	7.1	28.5	*
Pneumonia/Influenza	38	5.3	14.5	*	10.5	19.6	*	13.2	23.8	*
Chronic Obstructive Pulmonary Disease	3	33.3	10.3	*	33.3	16.8	*	33.3	22.3	*
Transient Cerebral Ischemia	4	0.0	2.2	*	0.0	4.9	*	25.0	7.8	*
Stroke	14	0.0	19.0	*	7.1	24.6	*	14.3	29.0	*
Hip Fracture	13	23.1	9.0	*	23.1	15.9	*	23.1	20.4	*
Sepsis	4	0.0	18.3	*	25.0	22.3	*	25.0	26.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	50.0	3.3	*	50.0	6.7	*	50.0	9.3	*
Open Reduction of Hip Fracture	2	0.0	15.7	*	0.0	30.5	*	0.0	40.8	*
Prostatectomy	2	0.0	1.3	*	0.0	3.8	*	0.0	7.1	*
Cholecystectomy	9	0.0	1.9	*	0.0	3.0	*	0.0	3.7	*
Hysterectomy	1	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	67
Occupancy Rate	25
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	67
Medical Residents/Interns	0
Registered Nurses	21
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MEMORIAL HOSPITAL

Medicare Provider Number: 140081

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	375	10.9	10.1	1.6	14.9	14.9	1.9	17.3	18.6	2.1
CONDITIONS:										
Acute Myocardial Infarction	13	15.4	29.7	*	15.4	33.4	*	15.4	36.8	*
Congestive Heart Failure	26	11.5	16.5	*	23.1	25.6	*	34.6	33.1	*
Pneumonia/Influenza	36	13.9	14.2	*	13.9	19.6	*	19.4	23.8	*
Chronic Obstructive Pulmonary Disease	5	20.0	7.5	*	20.0	11.8	*	20.0	15.8	*
Transient Cerebral Ischemia	8	0.0	1.7	*	0.0	3.6	*	0.0	5.7	*
Stroke	14	35.7	20.5	*	35.7	26.2	*	35.7	30.7	*
Hip Fracture	16	25.0	8.8	*	31.3	16.6	*	31.3	21.5	*
Sepsis	3	33.3	29.7	*	66.7	38.3	*	66.7	44.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	25.0	6.7	*	25.0	12.8	*	25.0	16.4	*
Open Reduction of Hip Fracture	3	33.3	9.2	*	33.3	17.7	*	33.3	23.6	*
Prostatectomy	1	0.0	0.3	*	0.0	0.5	*	0.0	0.9	*
Cholecystectomy	5	0.0	2.7	*	0.0	4.6	*	0.0	5.6	*
Hysterectomy	3	0.0	0.7	*	0.0	1.5	*	0.0	2.3	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	319	9.7	9.8	4.3	16.0	14.6	4.5	19.7	18.5	4.0
CONDITIONS:										
Acute Myocardial Infarction	9	44.4	27.9	*	55.6	31.3	*	55.6	34.5	*
Congestive Heart Failure	13	15.4	16.6	*	23.1	25.1	*	38.5	32.4	*
Pneumonia/Influenza	41	14.6	16.5	*	22.0	22.1	*	31.7	26.7	*
Chronic Obstructive Pulmonary Disease	5	0.0	7.4	*	0.0	13.2	*	0.0	18.4	*
Transient Cerebral Ischemia	5	0.0	1.7	*	0.0	3.5	*	0.0	5.4	*
Stroke	11	45.5	21.5	*	45.5	27.8	*	45.5	32.5	*
Hip Fracture	9	0.0	5.5	*	0.0	10.0	*	0.0	13.2	*
Sepsis	4	0.0	30.4	*	0.0	42.8	*	0.0	50.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	3.5	*	0.0	7.3	*	0.0	10.2	*
Open Reduction of Hip Fracture	0									
Prostatectomy	7	0.0	0.6	*	0.0	1.6	*	0.0	2.8	*
Cholecystectomy	6	0.0	3.7	*	0.0	5.9	*	0.0	7.2	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MEMORIAL HOSPITAL

404 W Main
Carbondale, IL 62901

Medicare Provider Number: 140164

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	1,181	9.8	7.9	1.2	14.5	12.6	1.7	18.2	16.4	1.8
CONDITIONS:										
Acute Myocardial Infarction	40	30.0	26.4	*	32.5	29.7	*	35.0	33.2	*
Congestive Heart Failure	43	20.9	13.5	*	30.2	21.7	*	37.2	28.6	*
Pneumonia/Influenza	33	18.2	16.9	*	21.2	23.0	*	36.4	27.7	*
Chronic Obstructive Pulmonary Disease	28	10.7	8.2	*	14.3	13.8	*	17.9	18.8	*
Transient Cerebral Ischemia	18	5.6	1.7	*	5.6	3.8	*	5.6	6.1	*
Stroke	31	19.4	18.0	*	22.6	24.6	*	29.0	29.2	*
Hip Fracture	42	9.5	6.3	*	14.3	11.8	*	16.7	15.6	*
Sepsis	8	12.5	32.2	*	25.0	40.1	*	50.0	45.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	18.2	4.5	*	18.2	8.6	*	27.3	12.7	*
Carotid Endarterectomy	4	0.0	2.0	*	0.0	4.2	*	0.0	6.2	*
Hip Replacement/Reconstruction	31	6.5	3.4	*	12.9	6.8	*	16.1	9.6	*
Open Reduction of Hip Fracture	16	6.3	6.6	*	6.3	12.7	*	6.3	17.1	*
Prostatectomy	59	1.7	1.0	2.1	3.4	2.2	2.8	3.4	3.7	3.5
Cholecystectomy	24	8.3	4.1	*	12.5	7.7	*	12.5	10.4	*
Hysterectomy	6	0.0	1.0	*	0.0	1.8	*	0.0	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	151
Occupancy Rate	60
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	70
Percent of Physicians Board Certified Specialists	80
Medical Residents/Interns	12
Registered Nurses	159
Licensed Practical Nurses	52

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

MEMORIAL HOSPITAL

Medicare Provider Number: 140164

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,149	9.7	8.6	1.3	14.9	13.7	1.7	18.5	17.7	1.8
CONDITIONS:										
Acute Myocardial Infarction	30	33.3	23.9	*	36.7	27.0	*	40.0	30.3	*
Congestive Heart Failure	34	23.5	16.7	*	29.4	25.8	*	32.4	32.8	*
Pneumonia/Influenza	25	28.0	17.6	*	44.0	24.3	*	44.0	29.3	*
Chronic Obstructive Pulmonary Disease	25	8.0	7.4	*	16.0	13.5	*	24.0	18.6	*
Transient Cerebral Ischemia	19	5.3	1.9	*	10.5	4.1	*	10.5	6.4	*
Stroke	40	20.0	20.1	*	30.0	27.0	*	35.0	31.6	*
Hip Fracture	34	2.9	5.6	*	14.7	10.5	*	14.7	13.8	*
Sepsis	16	25.0	30.4	*	37.5	44.5	*	50.0	52.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	1.5	*	0.0	3.1	*	0.0	4.7	*
Carotid Endarterectomy	7	0.0	1.9	*	0.0	3.7	*	0.0	5.6	*
Hip Replacement/Reconstruction	30	0.0	2.9	*	3.3	5.8	*	3.3	7.9	*
Open Reduction of Hip Fracture	13	0.0	5.9	*	15.4	11.6	*	15.4	15.4	*
Prostatectomy	52	0.0	1.1	1.8	0.0	2.8	3.3	3.8	4.8	3.1
Cholecystectomy	27	0.0	5.3	*	11.1	10.3	*	14.8	13.9	*
Hysterectomy	9	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,114	11.0	9.7	1.3	15.5	15.2	1.3	19.7	19.3	1.2
CONDITIONS:										
Acute Myocardial Infarction	38	34.2	26.1	*	36.8	29.0	*	36.8	32.1	*
Congestive Heart Failure	39	12.8	18.1	*	20.5	27.7	*	33.3	35.1	*
Pneumonia/Influenza	30	16.7	20.9	*	26.7	28.5	*	40.0	34.0	*
Chronic Obstructive Pulmonary Disease	29	10.3	10.6	*	13.8	17.8	*	20.7	23.4	*
Transient Cerebral Ischemia	20	5.0	2.0	*	10.0	4.4	*	10.0	7.0	*
Stroke	29	13.8	24.4	*	27.6	33.2	*	34.5	38.8	*
Hip Fracture	38	13.2	5.3	*	13.2	9.7	*	15.8	12.7	*
Sepsis	12	25.0	28.0	*	41.7	40.1	*	50.0	47.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	8.3	5.3	*	16.7	9.7	*	25.0	13.1	*
Carotid Endarterectomy	4	0.0	1.9	*	0.0	3.5	*	0.0	5.0	*
Hip Replacement/Reconstruction	22	4.5	3.5	*	4.5	6.6	*	9.1	8.6	*
Open Reduction of Hip Fracture	17	11.8	4.3	*	11.8	8.5	*	11.8	11.5	*
Prostatectomy	44	0.0	1.2	*	4.5	2.9	*	4.5	4.8	*
Cholecystectomy	22	0.0	2.3	*	4.5	4.2	*	4.5	5.7	*
Hysterectomy	9	0.0	0.4	*	0.0	0.7	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MEMORIAL HOSPITAL

527 West South Street
Woodstock, IL 60098

Medicare Provider Number: 140176

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	813	11.1	9.2	1.5	15.6	13.9	1.7	19.8	17.7	1.8
CONDITIONS:										
Acute Myocardial Infarction	19	31.6	26.0	*	31.6	30.3	*	31.6	34.3	*
Congestive Heart Failure	32	18.8	16.4	*	31.3	25.6	*	46.9	33.1	*
Pneumonia/Influenza	40	15.0	17.0	*	22.5	22.9	*	27.5	27.6	*
Chronic Obstructive Pulmonary Disease	14	14.3	7.8	*	14.3	13.7	*	14.3	18.7	*
Transient Cerebral Ischemia	19	5.3	1.9	*	5.3	4.3	*	5.3	6.8	*
Stroke	42	42.9	21.7	*	50.0	27.8	*	54.8	32.2	*
Hip Fracture	31	3.2	6.2	*	9.7	11.2	*	9.7	14.6	*
Sepsis	11	27.3	27.4	*	36.4	34.5	*	36.4	41.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	7.2	*	0.0	11.1	*	0.0	14.5	*
Carotid Endarterectomy	1	0.0	2.0	*	0.0	4.1	*	0.0	6.4	*
Hip Replacement/Reconstruction	12	0.0	5.4	*	0.0	10.7	*	0.0	14.6	*
Open Reduction of Hip Fracture	8	0.0	5.7	*	12.5	11.0	*	12.5	14.7	*
Prostatectomy	22	0.0	1.7	*	4.5	3.7	*	9.1	5.6	*
Cholecystectomy	16	6.3	3.1	*	6.3	5.4	*	6.3	7.0	*
Hysterectomy	4	0.0	2.0	*	0.0	4.2	*	0.0	6.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	127
Occupancy Rate	56
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	70
Percent of Physicians Board Certified Specialists	84
Medical Residents/Interns	0
Registered Nurses	119
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

MEMORIAL HOSPITAL

Medicare Provider Number: 140176

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	908	8.8	9.2	1.0	14.5	14.0	1.2	18.0	17.8	1.5
CONDITIONS:										
Acute Myocardial Infarction	18	44.4	36.5	*	50.0	40.2	*	61.1	44.0	*
Congestive Heart Failure	40	17.5	17.0	*	35.0	25.0	*	40.0	31.6	*
Pneumonia/Influenza	44	15.9	16.3	*	36.4	22.2	*	40.9	26.8	*
Chronic Obstructive Pulmonary Disease	6	16.7	8.4	*	16.7	15.7	*	33.3	22.4	*
Transient Cerebral Ischemia	24	4.2	2.2	*	4.2	4.8	*	4.2	7.6	*
Stroke	37	13.5	19.3	*	21.6	25.5	*	27.0	29.9	*
Hip Fracture	35	8.6	7.5	*	20.0	13.4	*	28.6	17.3	*
Sepsis	5	0.0	28.6	*	20.0	37.7	*	20.0	44.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.6	*	0.0	3.6	*	0.0	5.7	*
Carotid Endarterectomy	9	0.0	1.6	*	0.0	3.1	*	0.0	4.6	*
Hip Replacement/Reconstruction	7	14.3	2.5	*	14.3	4.9	*	14.3	6.9	*
Open Reduction of Hip Fracture	8	0.0	6.2	*	12.5	11.0	*	25.0	14.0	*
Prostatectomy	34	0.0	1.2	*	0.0	2.8	*	0.0	4.6	*
Cholecystectomy	28	0.0	3.5	*	0.0	6.3	*	0.0	8.2	*
Hysterectomy	8	0.0	0.5	*	0.0	0.8	*	0.0	1.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	888	7.8	8.7	2.9	12.4	13.3	2.4	17.5	17.1	2.0
CONDITIONS:										
Acute Myocardial Infarction	25	20.0	29.1	*	20.0	32.7	*	32.0	36.6	*
Congestive Heart Failure	57	15.8	16.7	5.0	24.6	25.6	5.9	31.6	33.0	6.7
Pneumonia/Influenza	47	17.0	18.5	*	25.5	24.8	*	38.3	29.8	*
Chronic Obstructive Pulmonary Disease	14	7.1	8.0	*	14.3	13.9	*	21.4	18.8	*
Transient Cerebral Ischemia	26	3.8	2.3	*	3.8	5.0	*	3.8	8.0	*
Stroke	33	12.1	18.2	*	18.2	24.5	*	24.2	28.8	*
Hip Fracture	35	0.0	6.8	*	8.6	12.0	*	8.6	15.6	*
Sepsis	16	25.0	28.6	*	25.0	37.5	*	37.5	44.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	12.5	3.3	*	25.0	6.5	*	25.0	8.9	*
Carotid Endarterectomy	9	11.1	1.4	*	11.1	2.9	*	11.1	4.4	*
Hip Replacement/Reconstruction	7	0.0	2.6	*	0.0	5.0	*	0.0	6.9	*
Open Reduction of Hip Fracture	8	0.0	7.0	*	25.0	13.1	*	25.0	17.0	*
Prostatectomy	17	0.0	1.0	*	0.0	2.4	*	0.0	3.9	*
Cholecystectomy	23	4.3	4.0	*	4.3	7.4	*	13.0	10.0	*
Hysterectomy	6	0.0	1.0	*	0.0	2.1	*	0.0	3.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MEMORIAL HOSPITAL

4501 N Park Dr
Belleville, IL 62223

Medicare Provider Number: 140185

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,005	7.6	8.1	0.6	12.8	12.3	0.6	16.3	15.8	0.8
CONDITIONS:										
Acute Myocardial Infarction	93	23.7	26.0	4.8	29.0	29.2	4.7	34.4	32.6	5.2
Congestive Heart Failure	156	13.5	13.2	4.0	23.7	20.6	5.9	29.5	27.1	5.1
Pneumonia/Influenza	144	20.1	15.1	3.5	30.6	20.6	4.9	36.1	25.0	5.6
Chronic Obstructive Pulmonary Disease	62	8.1	7.5	3.5	12.9	12.8	4.4	19.4	17.2	5.2
Transient Cerebral Ischemia	53	0.0	1.9	2.3	0.0	4.1	4.0	1.9	6.6	4.6
Stroke	99	17.2	18.5	5.3	21.2	24.7	6.4	25.3	29.1	7.5
Hip Fracture	70	8.6	6.0	3.7	14.3	10.8	5.2	20.0	14.1	8.0
Sepsis	67	16.4	24.7	7.3	25.4	31.7	6.7	29.9	37.1	7.2
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	46	2.2	3.3	*	6.5	7.0	*	17.4	10.5	*
Carotid Endarterectomy	2	0.0	1.7	*	0.0	3.2	*	0.0	5.0	*
Hip Replacement/Reconstruction	67	7.5	3.4	4.4	9.0	6.4	3.7	13.4	8.6	5.3
Open Reduction of Hip Fracture	16	6.3	6.4	*	12.5	11.7	*	18.8	15.2	*
Prostatectomy	73	2.7	1.1	1.7	4.1	2.4	2.6	6.8	4.1	3.0
Cholecystectomy	34	2.9	3.3	*	8.8	5.8	*	8.8	7.3	*
Hysterectomy	13	0.0	0.7	*	7.7	1.5	*	7.7	2.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	444
Occupancy Rate	78
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	168
Percent of Physicians Board Certified Specialists	71
Medical Residents/Interns	6
Registered Nurses	334
Licensed Practical Nurses	21

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

MEMORIAL HOSPITAL

Medicare Provider Number: 140185

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,149	8.4	8.3	0.5	13.5	12.8	0.9	16.5	16.3	0.7
CONDITIONS:										
Acute Myocardial Infarction	75	18.7	28.2	6.0	26.7	31.6	5.6	33.3	35.4	5.7
Congestive Heart Failure	170	15.9	13.8	5.7	24.1	21.4	6.6	30.6	27.9	5.8
Pneumonia/Influenza	113	14.2	16.9	4.8	20.4	22.7	5.3	27.4	27.1	4.3
Chronic Obstructive Pulmonary Disease	47	12.8	10.4	*	14.9	16.1	*	19.1	21.0	*
Transient Cerebral Ischemia	59	5.1	2.2	3.2	8.5	4.9	3.7	8.5	7.6	3.6
Stroke	121	21.5	20.9	3.7	24.0	27.2	4.5	27.3	31.8	5.4
Hip Fracture	79	7.6	6.6	3.6	12.7	11.9	3.7	15.2	15.2	4.1
Sepsis	56	32.1	27.1	7.7	42.9	35.8	9.0	46.4	42.0	8.3
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	41	2.4	3.5	*	7.3	6.7	*	9.8	9.5	*
Carotid Endarterectomy	3	0.0	1.6	*	0.0	3.0	*	0.0	4.5	*
Hip Replacement/Reconstruction	62	3.2	3.6	3.1	8.1	6.6	3.4	8.1	8.6	3.8
Open Reduction of Hip Fracture	27	11.1	5.6	*	14.8	10.4	*	18.5	13.6	*
Prostatectomy	77	0.0	1.2	1.6	1.3	3.0	2.4	3.9	5.0	2.6
Cholecystectomy	36	2.8	3.5	*	2.8	6.4	*	5.6	8.4	*
Hysterectomy	21	0.0	1.7	*	0.0	3.5	*	0.0	5.1	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,035	9.3	8.8	1.2	14.7	13.4	1.9	17.8	17.0	1.9
CONDITIONS:										
Acute Myocardial Infarction	88	28.4	29.8	4.9	35.2	33.0	5.1	38.6	36.4	5.2
Congestive Heart Failure	183	16.9	15.4	3.2	23.5	23.5	3.2	32.2	30.3	4.2
Pneumonia/Influenza	100	14.0	20.6	4.6	19.0	27.5	5.1	26.0	32.9	5.1
Chronic Obstructive Pulmonary Disease	52	9.6	6.2	5.2	17.3	10.0	7.7	23.1	14.0	10.7
Transient Cerebral Ischemia	70	2.9	2.1	1.8	7.1	4.5	2.9	11.4	7.0	4.1
Stroke	81	32.1	21.7	7.5	39.5	28.2	8.3	44.4	32.8	8.2
Hip Fracture	53	0.0	6.9	5.9	5.7	12.2	8.0	7.5	15.6	8.6
Sepsis	44	29.5	27.9	*	43.2	36.9	*	52.3	43.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	20	10.0	3.8	*	10.0	7.3	*	15.0	10.4	*
Carotid Endarterectomy	8	0.0	1.7	*	12.5	3.2	*	12.5	4.7	*
Hip Replacement/Reconstruction	46	2.2	3.6	*	2.2	6.7	*	2.2	8.8	*
Open Reduction of Hip Fracture	21	0.0	5.7	*	9.5	10.6	*	9.5	13.8	*
Prostatectomy	82	1.2	1.1	1.2	3.7	2.8	2.0	6.1	4.7	3.1
Cholecystectomy	61	3.3	3.2	4.0	4.9	5.8	5.1	4.9	7.7	4.9
Hysterectomy	18	0.0	0.4	*	0.0	0.6	*	0.0	0.9	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

231.1

MEMORIAL
HOSPITAL

4501 North Park Drive
Belleville, Illinois 62223
(618) 233-7750

Harry R. Maier
President

Medicare Provider #14-0185

January 15, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

This letter is in response to the letter in which Gail R. Wilensky, Ph.D., Administrator of the Health Care Financing Administration, transmitted selected mortality information developed by this agency for Medicare patients treated at Memorial Hospital during 1989 and the previous years of 1988 and 1987. Memorial Hospital has expended a great deal of time and effort in reviewing this data.

Memorial Hospital has serious concerns regarding the accuracy of this type of data and, therefore, any conclusions that can be drawn from it. Memorial Hospital agrees with noted experts at the Illinois Hospital Association and the American Hospital Association that there are inherent weaknesses in HCFA's methodology for collecting and reporting data regarding mortality information. Specifically, the IHA and AHA have found that:

1. The HCFA data does not measure quality. Mortality data can guide or focus peer review and quality assurance activities, but does not measure hospital or physician performance in any way. The model merely measures a relationship between mortality and a selected group of patient characteristics (age, sex, prior hospitalizations, transfer status).

2. The HCFA statistical model is fundamentally flawed because of the use of a post-admission mortality rate counts deaths that are unrelated (such as those resulting from post discharge automobile accidents) to the condition of some patients at the time of discharge.

3. The HCFA model does not reflect the severity of illness of a hospital's patients, nor such key socioeconomic factors such as local demographics and health status.

4. The predicted ranges for mortality rates provide no basis for comparison of one hospital to another. The ranges are unique for each hospital because they are calculated on the basis of factors (age, sex, number of secondary diagnosis, prior hospitalization and transfer status) that vary from hospital to hospital. And they are limited in value because such key factors as severity of illness and transfers from nursing homes were not included in the calculation.

5. Although the HCFA methodology assures that a rate falling anywhere within the range is statistically identical, no statistical significance can be attached to where a rate falls; no conclusions can be drawn even about hospitals with high mortality rates. For those hospitals, further examination including a review of each medical record to determine the circumstances of death, which HCFA did not perform, would be required to relate the data to quality of care.

6. Finally, and most importantly, Memorial Hospital shares the concerns of the IHA and AHA regarding the potential harm that can result from misuse of mortality data for those hospitals which had "greater than expected" mortality statistics. Releases of this type of data last year in some parts of the country, unfortunately, led to misleading stories and headlines which severely damaged the public image of many excellent healthcare institutions, to the detriment of the patients served by them.

Memorial Hospital conducts an ongoing and hospital-wide comprehensive quality assurance program in which its Medical Staff and hospital personnel evaluate the quality and appropriateness of care and services. Memorial Hospital has maintained full three-year accreditation by the Joint Commission on Accreditation of Health Care Organizations which establishes and enforces standards for delivery of high quality healthcare. Evaluation of patient care at Memorial Hospital is conducted through a variety of peer review and quality assurance functions such as: Monthly Quality Assurance Monitoring of Key Quality of Care Indicators, Surgical Case Reviews, Medical Record Reviews, Pharmacy and Therapeutics Reviews, Blood Utilization Reviews, Drug Usage Reviews, Utilization Review, Infection Control, Individual Death Reviews, Morbidity Reviews, Medical Credentials/Reappointment Process for Physicians.

I trust that Memorial Hospital's position regarding the inadequacy of the HCFA methodology and other above mentioned concerns is evident. If you have any questions concerning this matter, please do not hesitate to contact me.

Sincerely,

David A. Chumley

David A. Chumley
Executive Vice President

MEMORIAL HOSPITAL

1900 State St
Chester, IL 62233

Medicare Provider Number: 140245

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	481	12.5	8.3	2.6	17.7	12.7	3.1	21.2	16.3	2.6
CONDITIONS:										
Acute Myocardial Infarction	14	21.4	25.2	*	28.6	27.7	*	42.9	30.8	*
Congestive Heart Failure	30	23.3	15.1	*	46.7	23.7	*	56.7	30.8	*
Pneumonia/Influenza	16	18.8	19.2	*	18.8	25.6	*	37.5	30.5	*
Chronic Obstructive Pulmonary Disease	1	100.0	10.7	*	100.0	21.9	*	100.0	31.3	*
Transient Cerebral Ischemia	14	0.0	1.5	*	0.0	3.4	*	0.0	5.5	*
Stroke	23	26.1	24.0	*	30.4	30.9	*	34.8	35.5	*
Hip Fracture	18	5.6	6.9	*	16.7	12.6	*	16.7	16.5	*
Sepsis	7	28.6	22.4	*	28.6	30.1	*	28.6	37.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	100.0	4.3	*	100.0	7.3	*	100.0	9.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	5.4	*	12.5	10.2	*	12.5	13.4	*
Open Reduction of Hip Fracture	9	11.1	6.8	*	11.1	12.9	*	11.1	16.9	*
Prostatectomy	21	0.0	1.0	*	0.0	2.4	*	4.8	4.0	*
Cholecystectomy	8	25.0	3.0	*	25.0	5.9	*	25.0	8.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	76
Occupancy Rate	40
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	71
Medical Residents/Interns	0
Registered Nurses	24
Licensed Practical Nurses	10

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MEMORIAL HOSPITAL

Medicare Provider Number: 140245

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	491	10.0	8.1	1.9	14.5	12.3	2.0	16.5	15.9	2.1
CONDITIONS:										
Acute Myocardial Infarction	17	11.8	24.5	*	17.6	27.5	*	17.6	30.7	*
Congestive Heart Failure	35	17.1	17.3	*	28.6	26.3	*	37.1	33.6	*
Pneumonia/Influenza	23	21.7	17.8	*	21.7	24.0	*	21.7	28.8	*
Chronic Obstructive Pulmonary Disease	2	0.0	4.9	*	0.0	8.5	*	0.0	11.8	*
Transient Cerebral Ischemia	10	0.0	1.9	*	0.0	4.2	*	0.0	6.8	*
Stroke	13	38.5	23.6	*	38.5	29.8	*	38.5	34.1	*
Hip Fracture	17	5.9	7.7	*	11.8	13.9	*	17.6	17.7	*
Sepsis	4	50.0	30.7	*	50.0	40.3	*	50.0	46.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	20.0	5.1	*	20.0	9.6	*	20.0	12.3	*
Open Reduction of Hip Fracture	7	14.3	7.8	*	28.6	14.5	*	42.9	18.8	*
Prostatectomy	21	0.0	0.6	*	0.0	1.4	*	0.0	2.4	*
Cholecystectomy	3	0.0	1.0	*	0.0	1.9	*	0.0	2.6	*
Hysterectomy	2	0.0	2.0	*	0.0	5.3	*	0.0	9.2	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	466	9.2	8.2	4.0	14.2	12.4	6.9	16.5	15.8	6.6
CONDITIONS:										
Acute Myocardial Infarction	16	25.0	25.5	*	25.0	28.4	*	25.0	31.9	*
Congestive Heart Failure	26	19.2	15.0	*	26.9	22.7	*	30.8	29.2	*
Pneumonia/Influenza	20	25.0	15.5	*	35.0	20.8	*	35.0	25.2	*
Chronic Obstructive Pulmonary Disease	7	0.0	4.2	*	14.3	7.9	*	14.3	11.3	*
Transient Cerebral Ischemia	12	0.0	1.7	*	0.0	3.5	*	0.0	5.6	*
Stroke	21	14.3	23.7	*	28.6	30.7	*	28.6	35.1	*
Hip Fracture	5	40.0	5.3	*	40.0	10.0	*	40.0	13.3	*
Sepsis	4	25.0	42.0	*	75.0	53.1	*	75.0	61.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	33.3	4.1	*	33.3	8.0	*	33.3	10.7	*
Prostatectomy	18	0.0	0.7	*	5.6	1.8	*	5.6	3.1	*
Cholecystectomy	8	12.5	2.8	*	12.5	5.5	*	12.5	7.8	*
Hysterectomy	3	0.0	1.4	*	0.0	3.0	*	0.0	4.3	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MEMORIAL MEDICAL CENTER

800 N Rutledge
Springfield, IL 62781

Medicare Provider Number: 140148

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,868	7.4	8.1	0.6	12.2	12.9	1.0	15.1	16.7	0.9
CONDITIONS:										
Acute Myocardial Infarction	91	23.1	27.2	8.4	26.4	30.4	8.0	30.8	33.7	6.8
Congestive Heart Failure	129	17.8	15.0	6.2	29.5	23.0	7.4	36.4	29.8	7.9
Pneumonia/Influenza	113	14.2	17.9	5.6	21.2	24.4	4.9	25.7	29.2	5.4
Chronic Obstructive Pulmonary Disease	45	6.7	8.0	*	11.1	14.5	*	17.8	20.3	*
Transient Cerebral Ischemia	44	2.3	1.8	*	2.3	4.0	*	4.5	6.5	*
Stroke	105	14.3	19.0	7.8	19.0	25.3	9.4	23.8	29.7	9.7
Hip Fracture	85	4.7	6.6	3.6	14.1	12.3	3.7	21.2	16.1	5.5
Sepsis	22	27.3	21.0	*	36.4	28.9	*	45.5	35.0	*
PROCEDURES:										
Angioplasty	91	4.4	3.3	2.2	5.5	4.3	2.5	6.6	5.4	2.8
Coronary Artery Bypass Graft	89	4.5	6.8	3.6	6.7	9.1	4.6	7.9	10.7	5.4
Initial Pacemaker Insertion	26	0.0	2.6	*	0.0	5.3	*	3.8	8.1	*
Carotid Endarterectomy	21	0.0	1.7	*	0.0	3.5	*	0.0	5.4	*
Hip Replacement/Reconstruction	74	4.1	3.3	2.4	8.1	6.0	3.9	12.2	8.4	5.4
Open Reduction of Hip Fracture	48	2.1	6.4	*	12.5	12.3	*	18.7	16.5	*
Prostatectomy	116	1.7	1.3	2.1	6.9	3.0	3.4	7.8	5.0	3.6
Cholecystectomy	59	0.0	3.3	2.8	1.7	6.0	3.7	6.8	8.0	5.5
Hysterectomy	40	0.0	0.7	*	0.0	1.6	*	2.5	2.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	552
Occupancy Rate	74
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	346
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	Yes
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

MEMORIAL MEDICAL CENTER

Medicare Provider Number: 140148

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,351	7.8	8.4	0.7	12.0	13.2	0.8	15.1	17.0	0.8
CONDITIONS:										
Acute Myocardial Infarction	78	19.2	28.7	8.2	24.4	31.9	8.1	26.9	35.3	8.1
Congestive Heart Failure	174	19.5	16.9	3.8	25.9	25.7	3.3	31.0	32.7	4.3
Pneumonia/Influenza	108	12.0	17.4	4.2	15.7	23.7	5.2	16.7	28.5	6.3
Chronic Obstructive Pulmonary Disease	32	9.4	8.4	*	25.0	15.0	*	25.0	20.5	*
Transient Cerebral Ischemia	67	3.0	1.8	2.0	4.5	4.0	3.2	10.4	6.2	6.3
Stroke	116	20.7	25.2	5.2	28.4	31.8	5.6	30.2	36.5	7.5
Hip Fracture	122	5.7	6.8	2.4	8.2	12.5	3.6	9.8	16.1	4.5
Sepsis	27	25.9	28.1	*	37.0	37.8	*	48.1	44.8	*
PROCEDURES:										
Angioplasty	71	2.8	3.6	2.4	5.6	4.6	3.0	5.6	5.7	2.8
Coronary Artery Bypass Graft	85	7.1	6.6	2.7	10.6	8.8	3.5	10.6	10.1	3.9
Initial Pacemaker Insertion	18	0.0	7.5	*	16.7	11.8	*	16.7	15.2	*
Carotid Endarterectomy	25	0.0	1.6	*	0.0	3.1	*	0.0	4.5	*
Hip Replacement/Reconstruction	87	1.1	3.1	2.6	4.6	6.0	4.3	4.6	8.0	5.5
Open Reduction of Hip Fracture	66	4.5	6.2	3.1	6.1	12.0	5.1	7.6	15.8	6.6
Prostatectomy	171	3.5	1.9	1.8	5.3	3.9	2.0	8.8	6.1	3.5
Cholecystectomy	76	2.6	2.8	2.4	2.6	5.5	3.5	2.6	7.6	4.7
Hysterectomy	42	0.0	1.2	*	0.0	2.7	*	0.0	4.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,221	7.4	8.0	0.7	12.2	12.8	0.7	15.1	16.7	1.6
CONDITIONS:										
Acute Myocardial Infarction	70	30.0	30.8	5.6	37.1	34.2	6.3	40.0	37.8	6.1
Congestive Heart Failure	144	17.4	17.0	3.2	30.6	25.7	5.4	35.4	32.8	4.6
Pneumonia/Influenza	108	13.9	16.3	5.2	16.7	22.4	7.0	22.2	27.3	7.1
Chronic Obstructive Pulmonary Disease	65	7.7	11.4	6.5	16.9	18.8	7.8	20.0	25.0	9.3
Transient Cerebral Ischemia	77	0.0	2.0	*	0.0	4.3	*	0.0	6.8	*
Stroke	123	21.1	21.6	4.5	26.0	28.3	5.1	30.1	33.0	6.0
Hip Fracture	94	5.3	7.0	4.0	12.8	12.8	4.8	18.1	16.6	4.8
Sepsis	23	34.8	21.3	*	39.1	29.4	*	47.8	35.2	*
PROCEDURES:										
Angioplasty	46	2.2	2.8	*	4.3	3.6	*	10.9	4.7	*
Coronary Artery Bypass Graft	82	6.1	6.5	3.8	15.9	8.8	4.3	17.1	10.1	4.6
Initial Pacemaker Insertion	30	0.0	3.0	*	6.7	6.0	*	13.3	8.9	*
Carotid Endarterectomy	24	4.2	1.6	*	4.2	3.2	*	4.2	4.6	*
Hip Replacement/Reconstruction	81	4.9	4.2	3.3	11.1	7.9	5.3	13.6	10.4	6.3
Open Reduction of Hip Fracture	43	4.7	5.7	*	11.6	11.0	*	16.3	14.7	*
Prostatectomy	155	2.6	1.3	1.4	3.9	3.2	1.5	5.2	5.2	1.8
Cholecystectomy	86	2.3	4.2	3.2	5.8	6.9	4.0	7.0	8.5	3.9
Hysterectomy	39	0.0	1.3	*	0.0	2.3	*	0.0	3.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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Memorial Medical Center

VHA
Member [illegible]
[illegible] Hospitals of America System

PROVIDER NUMBER: 140148

Comments on HCFA Mortality Rates
January 1991

HCFA's current Mortality Rate Tables document observed and predicted mortality rates for certain patient populations. As a statistical model, it is a further improvement over previous efforts, but it is important to point out what it does not show.

The HCFA model does not explain why mortality rates are at certain levels; nor does it explain why there are different rates for different populations.

There is a risk that the public will draw erroneous conclusions about what the data demonstrate. Principally, the risk is that differences between observed and predicted mortality rates are explained by differences in quality of care.

This model, in fact, does not and cannot explain those differences. Much more detailed analysis of particular patient populations would be required to explain why the rates are different.

Memorial Medical Center is a 552 bed tertiary-care hospital serving a broad geographic region in central and southern Illinois. As a teaching institution involved in research and education, Memorial provides a full range of health care services to a broad spectrum of patients. Many of these patients are critically ill.

According to the analysis suggested by HCFA, mortality rates for Memorial Medical Center fall within predicted ranges in all categories. While we would like to represent the HCFA study as proof of the high quality of care we provide to our patients, we do not believe we can do so based on this data.

217·788·3000 800 North Rutledge Street Springfield, Illinois 62781-0001

MENDOTA COMMUNITY HOSPITAL

Memorial Dr
Mendota, IL 61342

Medicare Provider Number: 140025

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	509	8.8	10.3	2.5	13.0	15.2	2.7	15.3	19.1	3.4
CONDITIONS:										
Acute Myocardial Infarction	17	58.8	28.6	*	70.6	32.6	*	70.6	36.5	*
Congestive Heart Failure	35	11.4	12.6	*	14.3	19.5	*	20.0	25.6	*
Pneumonia/Influenza	28	7.1	16.8	*	10.7	22.3	*	14.3	26.8	*
Chronic Obstructive Pulmonary Disease	14	0.0	5.7	*	0.0	10.0	*	0.0	14.0	*
Transient Cerebral Ischemia	4	0.0	2.4	*	25.0	5.6	*	25.0	9.2	*
Stroke	22	9.1	20.6	*	9.1	26.4	*	13.6	30.8	*
Hip Fracture	16	0.0	7.4	*	6.3	13.2	*	6.3	17.2	*
Sepsis	10	30.0	31.8	*	30.0	41.0	*	30.0	47.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	10.8	*	0.0	25.8	*	0.0	40.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	4.4	*	0.0	8.7	*	0.0	12.1	*
Open Reduction of Hip Fracture	7	0.0	7.8	*	14.3	14.4	*	14.3	18.7	*
Prostatectomy	14	7.1	1.7	*	7.1	4.1	*	7.1	6.8	*
Cholecystectomy	8	0.0	5.6	*	12.5	10.5	*	12.5	13.5	*
Hysterectomy	6	0.0	1.5	*	16.7	2.7	*	16.7	3.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	72
Occupancy Rate	38
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	64
Medical Residents/Interns	0
Registered Nurses	47
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MENDOTA COMMUNITY HOSPITAL

Medicare Provider Number: 140025

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	510	10.2	10.5	1.4	14.3	15.4	1.9	17.3	19.3	2.0
CONDITIONS:										
Acute Myocardial Infarction	18	33.3	32.4	*	33.3	35.9	*	38.9	39.5	*
Congestive Heart Failure	35	17.1	16.0	*	20.0	24.1	*	22.9	30.8	*
Pneumonia/Influenza	31	9.7	17.7	*	9.7	23.2	*	12.9	27.8	*
Chronic Obstructive Pulmonary Disease	8	0.0	3.4	*	0.0	6.8	*	0.0	9.8	*
Transient Cerebral Ischemia	4	0.0	1.7	*	0.0	3.6	*	0.0	5.7	*
Stroke	24	29.2	23.7	*	37.5	30.1	*	37.5	34.7	*
Hip Fracture	13	7.7	8.5	*	7.7	15.7	*	7.7	20.3	*
Sepsis	5	0.0	21.5	*	0.0	30.0	*	20.0	36.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	1	0.0	1.9	*	0.0	4.0	*	0.0	6.1	*
Hip Replacement/Reconstruction	5	0.0	3.5	*	0.0	7.3	*	0.0	10.3	*
Open Reduction of Hip Fracture	4	25.0	9.0	*	25.0	16.2	*	25.0	20.4	*
Prostatectomy	22	0.0	1.5	*	9.1	3.7	*	9.1	6.1	*
Cholecystectomy	4	0.0	6.5	*	25.0	14.4	*	25.0	21.2	*
Hysterectomy	7	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	506	10.1	9.8	2.1	16.0	14.5	2.9	18.8	18.2	3.7
CONDITIONS:										
Acute Myocardial Infarction	19	36.8	28.8	*	42.1	33.0	*	47.4	37.1	*
Congestive Heart Failure	40	20.0	17.1	*	30.0	25.6	*	32.5	32.8	*
Pneumonia/Influenza	18	16.7	15.0	*	16.7	20.7	*	22.2	25.6	*
Chronic Obstructive Pulmonary Disease	12	0.0	7.7	*	8.3	12.4	*	25.0	17.2	*
Transient Cerebral Ischemia	10	0.0	2.6	*	0.0	5.8	*	0.0	9.3	*
Stroke	23	17.4	16.4	*	21.7	22.0	*	21.7	26.2	*
Hip Fracture	15	13.3	7.8	*	20.0	14.2	*	26.7	18.3	*
Sepsis	8	25.0	37.9	*	50.0	47.7	*	50.0	53.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	7.0	*	0.0	13.8	*	0.0	18.4	*
Open Reduction of Hip Fracture	12	16.7	6.8	*	25.0	12.9	*	33.3	16.9	*
Prostatectomy	13	0.0	0.9	*	0.0	2.3	*	7.7	4.1	*
Cholecystectomy	5	0.0	2.8	*	0.0	4.6	*	0.0	5.6	*
Hysterectomy	3	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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140025

MENDOTA COMMUNITY HOSPITAL

A NON-PROFIT CORPORATION

1315 Memorial Drive
Mendota, Illinois 61342-1496
815-539-7461

MENDOTA COMMUNITY HOSPITAL QUALITY ASSURANCE COMMITTEE HAS REVIEWED YOUR ENCLOSURE C, THE MORTALITY RATE TABLES.

AS NOTED ON YOUR TABLE:
* THE NUMBER OF CASES OR DEATHS IN THIS CATAGORY IS TOO SMALL TO PERMIT SATISFACTORY ESTIMATION OF THE STANDARD DEVIATION.

QUALITY ASSURANCE COMMITTEE FEELS THAT IF THE CATAGORY IS TOO SMALL, THE DATA IS INCONCLUSIVE AND SHOULD NOT BE PUBLISHED.

QUALITY ASSURANCE COMMITTEE

MENDOTA COMMUNITY HOSPITAL

MENNONITE HOSPITAL

807 N Main St
Bloomington, IL 61701

Medicare Provider Number: 140104

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	129	14.0	11.8	6.2	18.6	18.2	4.9	24.8	22.9	5.0
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	22.3	*	0.0	25.0	*	0.0	28.3	*
Congestive Heart Failure	8	12.5	19.0	*	37.5	29.3	*	50.0	37.1	*
Pneumonia/Influenza	6	16.7	18.5	*	33.3	25.2	*	50.0	30.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	5	20.0	24.4	*	20.0	31.6	*	20.0	36.7	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.4	*	0.0	3.0	*	0.0	4.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1986

Total Beds	248
Ownership/Control	Church

STAFFING:

Medical Residents/Interns	0
Registered Nurses	112
Licensed Practical Nurses	33

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	Yes
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

MENNONITE HOSPITAL

Medicare Provider Number: 140104

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	986	7.5	8.3	1.2	11.7	13.2	1.8	14.2	17.0	1.9
CONDITIONS:										
Acute Myocardial Infarction	19	21.1	26.6	*	21.1	30.3	*	31.6	34.0	*
Congestive Heart Failure	45	11.1	15.8	*	20.0	24.0	*	28.9	30.8	*
Pneumonia/Influenza	43	7.0	15.4	*	11.6	21.1	*	11.6	25.6	*
Chronic Obstructive Pulmonary Disease	7	0.0	5.5	*	0.0	11.1	*	0.0	16.6	*
Transient Cerebral Ischemia	15	0.0	1.6	*	0.0	3.4	*	6.7	5.4	*
Stroke	21	14.3	22.6	*	23.8	29.5	*	28.6	34.5	*
Hip Fracture	32	6.3	6.2	*	12.5	11.5	*	15.6	15.1	*
Sepsis	19	31.6	32.9	*	42.1	40.0	*	47.4	46.6	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	3.2	*	12.5	6.4	*	37.5	9.6	*
Carotid Endarterectomy	1	0.0	2.9	*	0.0	6.3	*	0.0	8.6	*
Hip Replacement/Reconstruction	17	0.0	2.2	*	0.0	4.4	*	0.0	6.1	*
Open Reduction of Hip Fracture	18	5.6	5.1	*	11.1	9.8	*	11.1	13.1	*
Prostatectomy	29	0.0	1.0	*	0.0	2.3	*	0.0	3.7	*
Cholecystectomy	22	0.0	5.9	*	9.1	10.1	*	9.1	12.4	*
Hysterectomy	5	0.0	0.5	*	0.0	1.0	*	0.0	1.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,092	8.2	8.6	1.5	12.3	13.4	2.0	15.9	17.2	2.0
CONDITIONS:										
Acute Myocardial Infarction	20	45.0	31.7	*	45.0	35.5	*	45.0	39.2	*
Congestive Heart Failure	52	5.8	16.8	7.6	15.4	25.4	8.9	23.1	32.2	8.2
Pneumonia/Influenza	31	12.9	17.5	*	19.4	23.9	*	19.4	29.1	*
Chronic Obstructive Pulmonary Disease	7	0.0	7.1	*	0.0	11.6	*	14.3	15.7	*
Transient Cerebral Ischemia	11	0.0	2.1	*	0.0	4.7	*	0.0	7.4	*
Stroke	32	28.1	21.3	*	31.3	27.6	*	34.4	32.2	*
Hip Fracture	32	6.3	6.8	*	6.3	12.1	*	9.4	15.7	*
Sepsis	9	11.1	26.0	*	44.4	34.9	*	55.6	41.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.9	*	0.0	4.1	*	0.0	7.3	*
Carotid Endarterectomy	4	0.0	1.6	*	0.0	3.2	*	0.0	4.8	*
Hip Replacement/Reconstruction	21	0.0	3.0	*	4.8	5.9	*	9.5	8.2	*
Open Reduction of Hip Fracture	18	5.6	5.1	*	5.6	9.6	*	5.6	12.7	*
Prostatectomy	31	0.0	0.9	*	0.0	2.2	*	0.0	3.8	*
Cholecystectomy	22	4.5	8.6	*	9.1	14.8	*	13.6	19.1	*
Hysterectomy	2	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MERCER COUNTY HOSPITAL

409 NW Ninth Ave
Aledo, IL 61231

Medicare Provider Number: 140218

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	235	11.9	8.7	3.2	18.7	13.5	5.1	22.1	17.6	4.4
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	25.3	*	28.6	28.4	*	28.6	32.4	*
Congestive Heart Failure	24	20.8	15.5	*	45.8	24.4	*	50.0	31.8	*
Pneumonia/Influenza	15	6.7	13.9	*	13.3	19.5	*	20.0	24.0	*
Chronic Obstructive Pulmonary Disease	4	25.0	5.7	*	25.0	11.5	*	25.0	16.6	*
Transient Cerebral Ischemia	11	0.0	1.5	*	0.0	3.5	*	0.0	5.6	*
Stroke	4	25.0	20.0	*	50.0	26.2	*	50.0	30.9	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	0.8	*	0.0	1.3	*	0.0	1.7	*
Hysterectomy	2	0.0	1.4	*	0.0	3.2	*	0.0	5.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	51
Occupancy Rate	53
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	47
Percent of Physicians Board Certified Specialists	6
Medical Residents/Interns	0
Registered Nurses	29
Licensed Practical Nurses	12

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MERCER COUNTY HOSPITAL

Medicare Provider Number: 140218

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	301	12.0	8.6	2.6	16.9	13.4	2.7	20.3	17.2	2.7
CONDITIONS:										
Acute Myocardial Infarction	10	60.0	33.6	*	60.0	37.7	*	70.0	41.6	*
Congestive Heart Failure	31	29.0	14.3	*	38.7	22.8	*	45.2	29.8	*
Pneumonia/Influenza	23	8.7	17.9	*	13.0	24.7	*	21.7	29.7	*
Chronic Obstructive Pulmonary Disease	6	0.0	9.6	*	33.3	17.4	*	33.3	23.5	*
Transient Cerebral Ischemia	15	0.0	1.8	*	6.7	4.0	*	6.7	6.3	*
Stroke	6	33.3	20.6	*	33.3	28.1	*	33.3	33.4	*
Hip Fracture	5	0.0	3.8	*	0.0	7.5	*	0.0	10.1	*
Sepsis	2	0.0	25.8	*	0.0	34.8	*	0.0	41.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	3.6	*	0.0	7.4	*	0.0	10.2	*
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	0.0	1.0	*	0.0	1.7	*	0.0	2.2	*
Hysterectomy	2	0.0	0.4	*	0.0	1.0	*	0.0	1.7	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	309	8.4	9.0	6.6	11.7	13.5	10.9	15.9	17.3	10.9
CONDITIONS:										
Acute Myocardial Infarction	10	20.0	23.6	*	20.0	26.6	*	20.0	29.9	*
Congestive Heart Failure	29	10.3	17.0	*	17.2	26.7	*	41.4	34.4	*
Pneumonia/Influenza	14	7.1	17.4	*	14.3	22.7	*	14.3	27.0	*
Chronic Obstructive Pulmonary Disease	4	25.0	4.9	*	25.0	8.9	*	25.0	12.8	*
Transient Cerebral Ischemia	8	0.0	2.7	*	0.0	6.1	*	0.0	10.0	*
Stroke	9	33.3	27.8	*	55.6	34.3	*	55.6	39.6	*
Hip Fracture	7	42.9	8.8	*	42.9	17.8	*	42.9	24.3	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	50.0	10.6	*	50.0	21.3	*	50.0	28.3	*
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	1.6	*	0.0	4.3	*	0.0	7.6	*
Cholecystectomy	4	0.0	7.8	*	0.0	12.1	*	0.0	13.7	*
Hysterectomy	0									

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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241.2

MERCER COUNTY HOSPITAL
SINCE 1950

December 19, 1990

140218

Health Care Financing Administration
Health Standards and Quality Bureau
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert:

The average lifespan of the Mercer County Hospital patients who died in 1989 was 81.5 years. This compares with an average lifespan in 1989 of 75.2 years for the nation as a whole according to the National Center for Health Statistics.

Sincerely,

Bruce D Peterson

BRUCE D. PETERSON
Administrator

409 N.W. NINTH AVENUE ALEDO, ILLINOIS 61231
309/582-5301

MERCY CENTER FOR HEALTH CARE SERVICES

1325 N Highland Avenue
Aurora, IL 60506

Medicare Provider Number: 140174

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,182	9.6	8.2	1.5	14.6	12.4	1.8	17.0	15.8	1.7
CONDITIONS:										
Acute Myocardial Infarction	38	26.3	21.8	*	26.3	24.9	*	26.3	28.1	*
Congestive Heart Failure	55	12.7	12.8	4.5	23.6	19.6	7.4	32.7	25.9	11.0
Pneumonia/Influenza	57	17.5	18.1	7.2	26.3	24.7	9.9	33.3	29.8	12.9
Chronic Obstructive Pulmonary Disease	13	7.7	6.8	*	7.7	11.5	*	7.7	15.9	*
Transient Cerebral Ischemia	8	12.5	1.9	*	25.0	4.4	*	25.0	7.3	*
Stroke	44	20.5	19.9	*	29.5	26.9	*	31.8	31.6	*
Hip Fracture	50	2.0	5.5	*	2.0	10.1	*	2.0	13.4	*
Sepsis	13	38.5	31.4	*	46.2	38.9	*	46.2	46.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	2.1	*	0.0	4.4	*	22.2	6.6	*
Carotid Endarterectomy	12	8.3	1.7	*	16.7	3.2	*	16.7	4.5	*
Hip Replacement/Reconstruction	24	0.0	2.5	*	0.0	4.6	*	0.0	6.2	*
Open Reduction of Hip Fracture	24	4.2	4.3	*	4.2	8.4	*	4.2	11.4	*
Prostatectomy	39	0.0	0.9	*	0.0	2.1	*	2.6	3.7	*
Cholecystectomy	24	4.2	2.0	*	4.2	4.1	*	8.3	5.9	*
Hysterectomy	9	11.1	0.5	*	11.1	1.1	*	11.1	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	295
Occupancy Rate	63
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	184
Percent of Physicians Board Certified Specialists	84
Medical Residents/Interns	0
Registered Nurses	215
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

MERCY CENTER FOR HEALTH CARE SERVICES

Medicare Provider Number: 140174

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,275	10.8	8.4	1.0	15.7	12.9	1.2	19.4	16.4	1.4
CONDITIONS:										
Acute Myocardial Infarction	29	41.4	23.8	*	44.8	26.7	*	44.8	30.0	*
Congestive Heart Failure	52	13.5	13.2	5.3	23.1	20.5	6.3	26.9	26.7	6.2
Pneumonia/Influenza	59	27.1	18.0	8.6	28.8	24.1	8.0	32.2	28.8	6.9
Chronic Obstructive Pulmonary Disease	12	25.0	9.0	*	33.3	16.1	*	33.3	22.2	*
Transient Cerebral Ischemia	13	0.0	1.4	*	0.0	3.0	*	0.0	4.6	*
Stroke	53	18.9	20.4	5.9	28.3	28.6	6.5	39.6	33.7	7.5
Hip Fracture	44	11.4	6.2	*	13.6	11.8	*	15.9	15.6	*
Sepsis	6	33.3	19.7	*	33.3	26.1	*	66.7	31.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	16.7	13.7	*	16.7	17.2	*	16.7	20.1	*
Carotid Endarterectomy	11	0.0	1.2	*	0.0	2.4	*	9.1	3.6	*
Hip Replacement/Reconstruction	38	2.6	2.7	*	2.6	5.3	*	2.6	7.1	*
Open Reduction of Hip Fracture	17	11.8	4.9	*	11.8	9.8	*	11.8	13.4	*
Prostatectomy	43	0.0	0.7	*	2.3	1.7	*	2.3	3.0	*
Cholecystectomy	35	2.9	1.9	*	2.9	3.8	*	11.4	5.5	*
Hysterectomy	11	0.0	0.2	*	0.0	0.5	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,143	10.3	8.7	2.2	15.2	13.2	2.9	19.1	16.8	3.2
CONDITIONS:										
Acute Myocardial Infarction	40	47.5	28.5	*	52.5	31.9	*	55.0	35.1	*
Congestive Heart Failure	61	29.5	15.6	7.9	36.1	23.4	9.0	42.6	30.1	8.5
Pneumonia/Influenza	40	20.0	17.2	*	30.0	23.5	*	32.5	28.5	*
Chronic Obstructive Pulmonary Disease	15	0.0	4.8	*	6.7	9.4	*	13.3	13.5	*
Transient Cerebral Ischemia	19	0.0	1.7	*	0.0	3.8	*	0.0	6.3	*
Stroke	50	22.0	21.9	*	38.0	29.8	*	42.0	34.8	*
Hip Fracture	34	5.9	7.3	*	8.8	14.0	*	14.7	18.8	*
Sepsis	8	50.0	36.6	*	50.0	44.6	*	50.0	52.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	4.2	*	0.0	8.5	*	16.7	12.5	*
Carotid Endarterectomy	8	12.5	1.4	*	12.5	2.9	*	12.5	4.3	*
Hip Replacement/Reconstruction	20	0.0	3.7	*	5.0	7.4	*	5.0	10.1	*
Open Reduction of Hip Fracture	12	8.3	7.5	*	8.3	15.0	*	25.0	20.3	*
Prostatectomy	54	0.0	1.0	1.5	0.0	2.1	2.7	3.7	3.5	2.7
Cholecystectomy	22	4.5	4.2	*	4.5	7.5	*	9.1	9.6	*
Hysterectomy	7	0.0	0.3	*	0.0	0.7	*	0.0	1.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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MERCY CENTER FOR HEALTH CARE SERVICES

1325 North Highland Avenue Aurora, Illinois 60506 708.859.2222

Medicare Provider Number 140174

January 11, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Re: Mortality Information Comments

Dear Mrs. Kappert:

Mercy Center for Health Care Services remains confident that our Medicare Hospital Mortality rates are consistent with the nationally encountered variability rates. Our calculations do not reveal any meaningful statistical differences.

Only 34% of the total 1989 deaths assigned to Mercy Center occurred in our hospital. Mercy Center and its medical staff participate in the peer review of the care provided for all cases resulting in death. In the tracking of these evaluations over the past four years, no problematic patterns in the delivery of patient care have been identified.

Of the 66% who died elsewhere, we are confident that, through internal Utilization Review/Quality Assurance monitoring and external PRO monitoring, there exists no patterns or trends with respect to patient care or premature discharge.

Mercy Center has been actively engaged in concurrent housewide occurrence screening since 1986 in an effort to quickly identify, evaluate and act upon any opportunities to improve care. HCFA's mortality data reassures us that Mercy's efforts are effective and valuable in maintaining quality health care.

Sincerely,

Sister Dorothy Burns

Sister Dorothy Burns, R.S.M.
President/Chief Executive Officer

MERCY HOSPITAL AND MEDICAL CENTER

Stevenson Expressway & King Dr
Chicago, IL 60616

Medicare Provider Number: 140158

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,397	8.5	9.8	1.5	14.8	15.3	1.1	19.2	19.6	1.3
CONDITIONS:										
Acute Myocardial Infarction	77	16.9	21.4	6.2	23.4	24.8	7.3	24.7	28.0	6.6
Congestive Heart Failure	169	8.9	14.3	4.3	14.2	22.5	4.2	23.1	29.0	4.1
Pneumonia/Influenza	53	22.6	15.1	6.6	24.5	21.0	6.4	24.5	25.1	6.0
Chronic Obstructive Pulmonary Disease	13	23.1	11.8	*	23.1	19.5	*	30.8	25.5	*
Transient Cerebral Ischemia	18	0.0	1.6	*	0.0	3.4	*	0.0	5.4	*
Stroke	96	12.5	19.0	5.0	20.8	25.1	4.9	26.0	29.2	5.0
Hip Fracture	30	0.0	6.1	*	0.0	11.1	*	13.3	14.6	*
Sepsis	52	19.2	25.5	8.7	30.8	36.7	8.8	38.5	43.8	8.6
PROCEDURES:										
Angioplasty	16	6.3	1.2	*	6.3	1.7	*	6.3	2.5	*
Coronary Artery Bypass Graft	12	16.7	7.0	*	16.7	9.1	*	16.7	10.4	*
Initial Pacemaker Insertion	14	0.0	2.7	*	7.1	5.9	*	14.3	9.1	*
Carotid Endarterectomy	1	0.0	1.2	*	0.0	2.2	*	0.0	3.0	*
Hip Replacement/Reconstruction	39	0.0	3.2	*	0.0	6.0	*	7.7	8.0	*
Open Reduction of Hip Fracture	10	0.0	4.8	*	0.0	8.9	*	10.0	11.8	*
Prostatectomy	47	0.0	2.2	*	6.4	4.8	*	8.5	7.9	*
Cholecystectomy	24	0.0	2.6	*	0.0	4.7	*	0.0	6.3	*
Hysterectomy	12	0.0	1.3	*	8.3	2.5	*	8.3	3.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	477
Occupancy Rate	70
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	207
Percent of Physicians Board Certified Specialists	86
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MERCY HOSPITAL AND MEDICAL CENTER

Medicare Provider Number: 140158

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,756	8.7	10.0	0.8	14.3	15.4	0.8	18.5	19.5	0.9
CONDITIONS:										
Acute Myocardial Infarction	103	19.4	21.7	4.5	24.3	25.5	4.6	29.1	29.2	4.5
Congestive Heart Failure	176	10.2	16.2	4.8	18.2	24.4	4.6	25.0	31.2	4.8
Pneumonia/Influenza	71	12.7	16.3	4.7	16.9	22.8	5.7	16.9	27.5	7.2
Chronic Obstructive Pulmonary Disease	13	7.7	17.2	*	23.1	28.6	*	30.8	36.5	*
Transient Cerebral Ischemia	57	0.0	1.7	*	1.8	3.6	*	7.0	5.6	*
Stroke	131	23.7	20.8	4.3	29.8	27.4	5.1	35.1	32.0	5.2
Hip Fracture	47	0.0	7.0	*	2.1	12.3	*	6.4	15.6	*
Sepsis	46	32.6	30.7	*	43.5	39.9	*	50.0	46.2	*
PROCEDURES:										
Angioplasty	8	0.0	2.9	*	0.0	4.3	*	0.0	5.6	*
Coronary Artery Bypass Graft	4	0.0	6.4	*	0.0	8.6	*	0.0	9.9	*
Initial Pacemaker Insertion	13	7.7	7.5	*	7.7	11.5	*	7.7	15.4	*
Carotid Endarterectomy	5	0.0	1.5	*	20.0	3.3	*	20.0	4.9	*
Hip Replacement/Reconstruction	52	0.0	2.9	*	0.0	5.5	*	0.0	7.2	*
Open Reduction of Hip Fracture	13	0.0	7.4	*	0.0	13.4	*	7.7	16.9	*
Prostatectomy	50	2.0	1.0	*	6.0	2.5	*	8.0	4.2	*
Cholecystectomy	28	3.6	3.5	*	7.1	5.6	*	7.1	6.7	*
Hysterectomy	22	0.0	1.2	*	9.1	2.5	*	9.1	3.7	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,559	9.6	9.8	1.3	15.2	15.3	2.3	19.0	19.5	2.4
CONDITIONS:										
Acute Myocardial Infarction	73	21.9	24.2	6.9	27.4	28.3	6.3	30.1	31.8	5.9
Congestive Heart Failure	150	13.3	16.2	4.0	23.3	24.4	4.7	31.3	31.1	3.9
Pneumonia/Influenza	51	17.6	17.1	6.0	19.6	23.5	7.1	23.5	28.2	9.1
Chronic Obstructive Pulmonary Disease	37	8.1	16.1	*	21.6	25.7	*	24.3	32.3	*
Transient Cerebral Ischemia	41	2.4	2.0	*	4.9	4.3	*	7.3	6.8	*
Stroke	104	21.2	22.6	5.1	30.8	29.3	4.6	36.5	33.8	5.3
Hip Fracture	44	4.5	6.8	*	9.1	12.2	*	15.9	15.8	*
Sepsis	18	38.9	32.8	*	55.6	46.7	*	55.6	55.2	*
PROCEDURES:										
Angioplasty	4	0.0	2.2	*	0.0	3.0	*	0.0	3.9	*
Coronary Artery Bypass Graft	6	33.3	7.5	*	33.3	9.5	*	50.0	10.7	*
Initial Pacemaker Insertion	23	4.3	5.1	*	13.0	9.0	*	17.4	12.5	*
Carotid Endarterectomy	4	0.0	2.7	*	0.0	5.8	*	0.0	8.7	*
Hip Replacement/Reconstruction	31	6.5	4.6	*	16.1	8.9	*	16.1	11.8	*
Open Reduction of Hip Fracture	21	4.8	5.0	*	4.8	9.4	*	9.5	12.4	*
Prostatectomy	68	2.9	2.0	1.8	2.9	4.8	3.0	2.9	7.9	4.9
Cholecystectomy	33	6.1	3.5	*	6.1	6.4	*	6.1	8.6	*
Hysterectomy	12	0.0	0.4	*	0.0	0.8	*	0.0	1.2	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

METHODIST HOSPITAL OF CHICAGO

5025 N Paulina Street
Chicago, IL 60640

Medicare Provider Number: 140197

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,094	9.5	11.6	1.9	18.7	18.5	1.2	24.7	23.8	1.4
CONDITIONS:										
Acute Myocardial Infarction	7	14.3	37.7	*	28.6	42.6	*	42.9	46.5	*
Congestive Heart Failure	50	8.0	18.4	*	18.0	28.1	*	20.0	35.4	*
Pneumonia/Influenza	94	22.3	20.8	5.7	35.1	27.9	8.2	40.4	33.2	8.0
Chronic Obstructive Pulmonary Disease	13	30.8	7.0	*	30.8	12.1	*	30.8	16.8	*
Transient Cerebral Ischemia	37	0.0	2.2	*	8.1	5.2	*	10.8	8.5	*
Stroke	21	23.8	19.2	*	38.1	26.0	*	47.6	30.6	*
Hip Fracture	31	3.2	7.5	*	9.7	13.5	*	12.9	17.5	*
Sepsis	17	5.9	30.3	*	29.4	43.1	*	29.4	50.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	2.4	*	20.0	5.4	*	20.0	8.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	10.0	7.6	*	10.0	14.6	*	20.0	20.0	*
Open Reduction of Hip Fracture	21	0.0	7.0	*	9.5	13.0	*	14.3	17.0	*
Prostatectomy	17	0.0	2.3	*	11.8	5.8	*	11.8	9.8	*
Cholecystectomy	13	0.0	3.8	*	7.7	7.4	*	15.4	9.9	*
Hysterectomy	5	0.0	0.9	*	0.0	2.0	*	0.0	3.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	201
Occupancy Rate	45
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

METHODIST HOSPITAL OF CHICAGO
Medicare Provider Number: 140197

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,300	10.2	11.5	1.0	18.1	17.9	1.1	24.0	22.8	1.2
CONDITIONS:										
Acute Myocardial Infarction	17	52.9	35.1	*	58.8	38.8	*	58.8	42.7	*
Congestive Heart Failure	36	11.1	18.8	*	22.2	28.7	*	27.8	36.3	*
Pneumonia/Influenza	71	22.5	20.2	5.1	32.4	27.2	6.3	38.0	32.2	7.0
Chronic Obstructive Pulmonary Disease	5	0.0	6.8	*	40.0	12.2	*	40.0	17.4	*
Transient Cerebral Ischemia	26	0.0	1.9	*	3.8	4.1	*	3.8	6.4	*
Stroke	50	12.0	21.0	*	30.0	27.8	*	30.0	32.5	*
Hip Fracture	38	2.6	6.3	*	10.5	11.1	*	15.8	14.3	*
Sepsis	37	27.0	26.4	*	35.1	34.5	*	43.2	40.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	3.7	*	0.0	7.1	*	0.0	9.9	*
Carotid Endarterectomy	1	0.0	1.6	*	0.0	3.6	*	0.0	5.5	*
Hip Replacement/Reconstruction	11	9.1	6.6	*	36.4	12.3	*	36.4	15.9	*
Open Reduction of Hip Fracture	25	0.0	5.0	*	0.0	9.2	*	4.0	12.1	*
Prostatectomy	29	6.9	1.6	*	13.8	4.1	*	13.8	6.9	*
Cholecystectomy	8	25.0	6.8	*	25.0	12.6	*	25.0	16.4	*
Hysterectomy	4	0.0	0.9	*	0.0	2.6	*	0.0	4.7	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,331	8.8	12.5	4.5	17.5	18.9	2.1	23.4	23.8	1.4
CONDITIONS:										
Acute Myocardial Infarction	19	26.3	34.8	*	31.6	38.4	*	47.4	42.1	*
Congestive Heart Failure	54	11.1	19.9	8.7	25.9	29.2	8.1	33.3	36.6	7.1
Pneumonia/Influenza	73	12.3	20.0	8.9	17.8	26.9	9.5	24.7	32.4	8.4
Chronic Obstructive Pulmonary Disease	10	0.0	8.0	*	10.0	13.1	*	10.0	17.8	*
Transient Cerebral Ischemia	27	3.7	2.1	*	7.4	4.8	*	11.1	7.8	*
Stroke	38	13.2	24.7	*	18.4	31.4	*	18.4	36.3	*
Hip Fracture	28	3.6	6.7	*	10.7	12.2	*	17.9	15.9	*
Sepsis	64	26.6	40.5	8.2	46.9	48.8	7.7	59.4	55.4	7.6
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	0.0	4.4	*	16.7	8.2	*	16.7	11.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	5.0	*	0.0	9.7	*	0.0	13.0	*
Open Reduction of Hip Fracture	20	5.0	6.3	*	15.0	12.0	*	25.0	15.9	*
Prostatectomy	27	0.0	1.2	*	3.7	2.9	*	3.7	5.0	*
Cholecystectomy	20	5.0	10.7	*	20.0	18.8	*	25.0	23.5	*
Hysterectomy	3	0.0	0.7	*	0.0	1.4	*	0.0	2.0	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

METHODIST MEDICAL CENTER OF ILLINOIS

221 N E Glen Oak Ave
Peoria, IL 61636

Medicare Provider Number: 140209

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,946	8.7	8.7	0.6	14.4	13.5	0.9	17.7	17.3	0.8
CONDITIONS:										
Acute Myocardial Infarction	122	29.5	25.0	8.0	33.6	28.2	7.8	36.1	31.8	7.9
Congestive Heart Failure	175	20.6	15.1	3.9	30.9	23.4	5.1	34.9	30.4	4.3
Pneumonia/Influenza	112	13.4	15.4	3.8	18.8	21.1	4.3	24.1	25.7	4.3
Chronic Obstructive Pulmonary Disease	38	10.5	7.7	*	26.3	13.0	*	28.9	17.5	*
Transient Cerebral Ischemia	64	1.6	1.5	1.6	6.3	3.4	3.3	6.3	5.5	3.1
Stroke	133	15.0	22.2	5.6	25.6	29.0	6.2	30.1	33.7	4.7
Hip Fracture	87	4.6	7.1	3.5	10.3	12.4	4.1	11.5	15.9	6.1
Sepsis	36	25.0	28.7	*	41.7	36.8	*	41.7	43.3	*
PROCEDURES:										
Angioplasty	58	5.2	3.1	2.9	5.2	4.3	3.0	5.2	5.6	3.7
Coronary Artery Bypass Graft	112	9.8	5.2	3.1	14.3	7.2	4.1	14.3	8.4	3.8
Initial Pacemaker Insertion	42	7.1	3.1	*	14.3	6.1	*	14.3	8.9	*
Carotid Endarterectomy	23	4.3	1.6	*	4.3	3.1	*	4.3	4.6	*
Hip Replacement/Reconstruction	70	0.0	2.5	2.5	2.9	4.7	3.2	2.9	6.3	3.9
Open Reduction of Hip Fracture	18	11.1	5.7	*	11.1	10.8	*	11.1	14.2	*
Prostatectomy	112	0.0	1.4	1.9	1.8	3.5	2.2	1.8	5.9	4.0
Cholecystectomy	73	4.1	3.8	2.7	4.1	6.4	4.3	5.5	8.2	5.1
Hysterectomy	25	4.0	1.2	*	8.0	2.4	*	8.0	3.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	427
Occupancy Rate	83
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	462
Percent of Physicians Board Certified Specialists	77
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

METHODIST MEDICAL CENTER OF ILLINOIS

Medicare Provider Number: 140209

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,107	9.1	8.8	0.6	13.9	14.0	0.6	18.0	17.9	0.6
CONDITIONS:										
Acute Myocardial Infarction	110	22.7	25.2	5.5	26.4	28.8	5.9	30.9	32.3	5.3
Congestive Heart Failure	175	16.0	15.3	2.7	26.9	23.4	3.8	34.9	30.0	4.9
Pneumonia/Influenza	123	19.5	18.7	3.6	26.0	25.7	4.0	33.3	31.0	4.7
Chronic Obstructive Pulmonary Disease	54	11.1	8.7	4.3	16.7	15.2	5.0	20.4	20.3	5.5
Transient Cerebral Ischemia	65	0.0	2.0	2.4	0.0	4.4	4.5	3.1	7.0	4.5
Stroke	117	17.9	21.5	5.7	25.6	27.9	4.8	29.1	32.4	5.1
Hip Fracture	91	6.6	6.6	2.7	9.9	12.1	3.9	15.4	15.7	3.9
Sepsis	22	31.8	33.2	*	59.1	41.7	*	59.1	48.9	*
PROCEDURES:										
Angioplasty	58	5.2	5.4	3.5	5.2	6.7	3.4	5.2	8.0	4.1
Coronary Artery Bypass Graft	116	1.7	6.0	3.7	4.3	8.1	3.9	6.0	9.4	3.8
Initial Pacemaker Insertion	38	5.3	4.8	*	7.9	8.6	*	10.5	12.0	*
Carotid Endarterectomy	27	3.7	1.4	*	3.7	2.5	*	3.7	3.7	*
Hip Replacement/Reconstruction	64	3.1	2.5	2.0	3.1	5.0	2.9	4.7	6.7	3.4
Open Reduction of Hip Fracture	11	0.0	4.9	*	0.0	9.2	*	0.0	12.1	*
Prostatectomy	144	1.4	1.3	1.0	3.5	3.1	1.5	4.2	5.3	1.9
Cholecystectomy	79	2.5	4.7	2.7	2.5	8.1	3.8	2.5	10.6	5.3
Hysterectomy	28	0.0	1.1	*	3.6	2.4	*	3.6	3.5	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,944	8.9	8.5	0.8	13.7	13.5	1.0	17.7	17.5	1.2
CONDITIONS:										
Acute Myocardial Infarction	104	29.8	25.5	6.7	32.7	29.0	5.9	34.6	32.6	5.2
Congestive Heart Failure	163	17.8	15.7	3.2	25.2	24.1	3.9	30.7	31.1	3.6
Pneumonia/Influenza	116	16.4	17.4	4.0	23.3	23.8	4.3	31.9	29.1	5.9
Chronic Obstructive Pulmonary Disease	64	17.2	11.3	5.3	32.8	18.5	9.4	35.9	24.4	8.5
Transient Cerebral Ischemia	73	4.1	1.8	3.3	5.5	3.9	4.0	9.6	6.2	4.7
Stroke	107	18.7	22.7	6.0	29.0	29.6	6.4	32.7	34.3	5.4
Hip Fracture	89	5.6	6.5	3.7	9.0	11.5	5.4	10.1	15.0	7.9
Sepsis	17	35.3	28.3	*	41.2	37.9	*	41.2	45.4	*
PROCEDURES:										
Angioplasty	45	6.7	4.6	*	6.7	5.7	*	8.9	6.9	*
Coronary Artery Bypass Graft	87	8.0	7.0	2.9	11.5	9.5	3.5	11.5	11.1	3.4
Initial Pacemaker Insertion	34	0.0	3.1	*	0.0	5.9	*	2.9	8.4	*
Carotid Endarterectomy	21	0.0	2.2	*	0.0	4.6	*	4.8	6.8	*
Hip Replacement/Reconstruction	81	4.9	1.9	3.2	6.2	3.6	2.8	8.6	5.0	5.0
Open Reduction of Hip Fracture	10	0.0	6.4	*	0.0	12.2	*	0.0	16.1	*
Prostatectomy	131	0.0	1.3	1.3	1.5	3.1	1.8	3.8	5.3	2.4
Cholecystectomy	74	4.1	3.6	3.3	6.8	6.3	3.1	8.1	8.1	3.8
Hysterectomy	32	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MICHAEL REESE HOSPITAL & MEDICAL CENTER

Lake Shore Dr at 31st St
Chicago, IL 60616

Medicare Provider Number: 140075

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,327	8.3	9.7	0.8	14.3	15.3	0.9	18.6	19.5	0.9
CONDITIONS:										
Acute Myocardial Infarction	64	20.3	25.2	7.0	26.6	29.4	6.1	31.3	33.1	6.0
Congestive Heart Failure	112	9.8	15.1	5.8	23.2	23.7	4.9	29.5	30.5	5.5
Pneumonia/Influenza	57	19.3	17.0	8.7	26.3	23.0	8.8	28.1	27.6	6.8
Chronic Obstructive Pulmonary Disease	17	5.9	11.4	*	17.6	17.3	*	17.6	22.5	*
Transient Cerebral Ischemia	38	0.0	1.8	*	2.6	3.8	*	2.6	5.8	*
Stroke	120	15.0	19.7	6.0	23.3	26.2	5.4	28.3	30.4	4.8
Hip Fracture	35	11.4	6.9	*	22.9	12.2	*	25.7	15.9	*
Sepsis	36	33.3	28.2	*	44.4	38.5	*	52.8	45.4	*
PROCEDURES:										
Angioplasty	19	0.0	3.8	*	5.3	5.2	*	5.3	6.6	*
Coronary Artery Bypass Graft	29	10.3	6.5	*	20.7	9.6	*	20.7	11.5	*
Initial Pacemaker Insertion	17	11.8	2.4	*	17.6	5.2	*	17.6	8.2	*
Carotid Endarterectomy	3	0.0	1.1	*	0.0	2.0	*	0.0	3.0	*
Hip Replacement/Reconstruction	39	2.6	3.5	*	5.1	6.5	*	5.1	8.7	*
Open Reduction of Hip Fracture	16	12.5	5.2	*	25.0	9.8	*	25.0	13.2	*
Prostatectomy	51	2.0	1.6	1.9	7.8	3.7	3.3	13.7	6.0	5.1
Cholecystectomy	10	10.0	10.3	*	10.0	17.8	*	20.0	22.4	*
Hysterectomy	13	7.7	0.5	*	7.7	1.3	*	7.7	2.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	652
Occupancy Rate	72
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	1,105
Percent of Physicians Board Certified Specialists	70
Medical Residents/Interns	309
Registered Nurses	601
Licensed Practical Nurses	28

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

MICHAEL REESE HOSPITAL & MEDICAL CENTER
Medicare Provider Number: 140075

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,860	9.4	10.7	0.7	16.0	16.4	0.7	20.5	20.7	0.9
CONDITIONS:										
Acute Myocardial Infarction	65	26.2	28.7	6.8	27.7	32.8	7.2	33.8	36.6	7.2
Congestive Heart Failure	145	15.9	15.9	3.3	26.2	24.4	3.8	35.2	31.3	5.2
Pneumonia/Influenza	75	18.7	16.6	4.7	20.0	22.3	5.6	24.0	26.7	5.8
Chronic Obstructive Pulmonary Disease	13	7.7	12.9	*	7.7	23.2	*	23.1	31.5	*
Transient Cerebral Ischemia	33	0.0	2.5	*	0.0	5.3	*	6.1	8.2	*
Stroke	162	17.3	21.6	4.8	24.1	28.8	6.1	27.2	33.4	7.2
Hip Fracture	35	0.0	7.3	*	5.7	13.6	*	8.6	17.8	*
Sepsis	28	28.6	30.2	*	42.9	37.7	*	46.4	43.8	*
PROCEDURES:										
Angioplasty	27	0.0	4.7	*	0.0	5.7	*	0.0	6.8	*
Coronary Artery Bypass Graft	35	0.0	9.0	*	2.9	12.5	*	5.7	14.4	*
Initial Pacemaker Insertion	13	0.0	8.6	*	0.0	14.2	*	7.7	19.2	*
Carotid Endarterectomy	3	0.0	1.4	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction	30	0.0	4.8	*	3.3	8.7	*	6.7	11.3	*
Open Reduction of Hip Fracture	18	0.0	5.4	*	0.0	10.7	*	0.0	14.3	*
Prostatectomy	70	2.9	1.9	2.0	5.7	4.6	3.1	8.6	7.5	3.8
Cholecystectomy	20	0.0	2.6	*	0.0	4.7	*	5.0	6.0	*
Hysterectomy	23	4.3	1.4	*	4.3	3.3	*	4.3	5.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,751	8.1	10.5	2.1	13.9	16.1	2.7	18.0	20.3	3.7
CONDITIONS:										
Acute Myocardial Infarction	67	23.9	25.2	5.4	29.9	29.2	5.7	32.8	32.9	7.5
Congestive Heart Failure	146	7.5	17.6	4.6	17.1	26.6	5.4	24.7	33.7	4.9
Pneumonia/Influenza	58	25.9	16.7	7.9	27.6	22.7	7.6	32.8	27.0	7.6
Chronic Obstructive Pulmonary Disease	12	0.0	12.2	*	8.3	18.6	*	8.3	24.3	*
Transient Cerebral Ischemia	31	0.0	2.2	*	3.2	4.9	*	12.9	7.8	*
Stroke	141	10.6	20.4	5.1	19.1	27.4	5.4	22.0	31.8	5.6
Hip Fracture	36	0.0	7.4	*	8.3	13.3	*	8.3	17.1	*
Sepsis	24	37.5	32.8	*	50.0	41.7	*	50.0	48.3	*
PROCEDURES:										
Angioplasty	19	0.0	4.9	*	0.0	6.0	*	0.0	7.2	*
Coronary Artery Bypass Graft	18	11.1	8.3	*	16.7	11.2	*	16.7	12.6	*
Initial Pacemaker Insertion	16	6.3	3.5	*	6.3	6.8	*	12.5	10.0	*
Carotid Endarterectomy	1	0.0	1.1	*	0.0	1.9	*	0.0	2.6	*
Hip Replacement/Reconstruction	40	0.0	3.2	*	5.0	5.8	*	5.0	7.5	*
Open Reduction of Hip Fracture	15	0.0	4.6	*	0.0	9.0	*	0.0	12.0	*
Prostatectomy	95	0.0	1.7	1.9	3.2	3.9	2.1	6.3	6.2	2.6
Cholecystectomy	26	0.0	3.9	*	0.0	7.1	*	7.7	9.2	*
Hysterectomy	19	0.0	0.7	*	5.3	1.4	*	5.3	2.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

251.1

Michael Reese
HOSPITAL & MEDICAL CENTER

Lake Shore Drive at 31st Street
Chicago, Illinois 60616
(312) 791-

January 14, 1991

Mrs. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert: RE: Medicare # 140075

Michael Reese Hospital & Medical Center is located near the center of Chicago and is one of the largest private medical centers in the metropolitan area. It is a general and acute care hospital and a center of teaching and research. Patients admitted to the hospital come from widely varied socioeconomic groups, many of which require a high intensity of care.

Patient mortality is carefully monitored by each clinical department head, and is reviewed through various department committees and institutional and departmental quality assurance functions. Any questions that arise about the appropriateness or quality of care are immediately addressed through these mechanisms.

We have examined the mortality data which the Health Care Finance Administration (HCFA) plans to publish and feel the following comments are in order. Generally, we would acknowledge that in all instances where the HCFA data enables computation of expected mortality ranges, that actual mortality falls within the range of expected mortality for the conditions and procedures represented, and when compared to last year is consistent with a decreased overall mortality rate for the institution. We have also examined the list of hospital characteristics that are to be reported for Michael Reese and find them to be generally correct.

Specifically, there is a concern that the new format for analysis and reporting has the potential to obscure or cause misperceptions about the mortality experience for a hospital and possibly the whole of the hospital industry. The new format which departs substantially from prior years, associates each mortality with a randomly selected admission for each patient. For patients with multiple admissions this is not necessarily the admission for which death occurred. We understand that this is a function of the modified statistical model used by HCFA. Lay reviewers, however, run the risk of concluding that death occurred in relation to the medical condition or procedure under which the death is grouped, which may not be correct. For example, a mortality reported for Michael Reese is included under prostatectomy. Actually, this procedure was performed several months earlier at a different admission than when the death occurred, and for a condition unrelated to the death. Moreover, because diagnoses from randomly selected admissions provide the basis for mortality grouping, rather than diagnoses associated with the admission where death occurred, actual cases of death for a group (ie. pneumonia) may appear smaller or larger in number than they actually are, leading reviewers to conclude the mortality experience for a condition or procedure to be better or worse than has actually occurred.

The new format for presenting the data compares observed mortality to predicted average mortality for a condition or surgical procedure, rather then to a predicted range for average mortality. The predicted average mortality is a single statistic that is correctly understood only when the upper and lower range of variance for this statistic is given. The absence of the range information, contrary to HCFA's intent to make this information more understandable and useful, will render it more confusing and less useful to the lay public.

To avoid misperceptions, reviewers of this information must understand that when comparing observed to predicted mortality the number reported as predicted mortality is a statistical average. This number is merely the middle of a range of expected mortality for an identified medical condition or procedure. The full range would reflect both high and low points against which a more accurate impression could be obtained of observed vs predicted mortality.

Because HFCA does not provide the range figures, reviewers are themselves required to compute this information. Upon examination reviewers would note where observed mortality exceeds the predicted average mortality, they need to know whether observed mortality falls within the predicted range. And, where observed mortality falls below predicted average mortality, they would also need to know whether observed mortality falls within the predicted range. Also, reviewers must understand that where a diagnosis grouping has too few cases (all asterisked cases), the predicted mortality has questionable validity or usefulness because it fails to meet statistical requirements that are commonly agreed upon by statisticians.

We would hope the Health Care Finance Administration takes adequate steps to communicate these potential pitfalls to reviewers. Beyond this, we feel that because of these deficiencies the mortality model and reported data still has significant shortcomings. Although, we think the hospital industry might well benefit from a more effective mortality model for analysis and prediction, the present one fails to provide an adequate basis for mortality comparison between institutions or as a proxy for quality of services.

Sincerely,

Henry L. Nadler, M.D.
President

rmc/

MOLINE PUBLIC HOSPITAL

635 10th Ave
Moline, IL 61265

Medicare Provider Number: 140204

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	838	11.7	10.5	2.0	16.3	14.8	1.9	19.8	18.4	1.8
CONDITIONS:										
Acute Myocardial Infarction	52	26.9	29.2	6.7	30.8	32.4	6.6	36.5	35.9	6.8
Congestive Heart Failure	66	18.2	14.0	6.7	24.2	21.6	5.6	25.8	28.0	6.0
Pneumonia/Influenza	25	24.0	18.0	*	32.0	24.6	*	32.0	29.6	*
Chronic Obstructive Pulmonary Disease	7	0.0	6.8	*	0.0	11.9	*	14.3	16.7	*
Transient Cerebral Ischemia	19	5.3	2.1	*	10.5	4.7	*	21.1	7.5	*
Stroke	46	19.6	21.7	*	28.3	28.4	*	37.0	33.0	*
Hip Fracture	14	0.0	5.2	*	7.1	9.2	*	7.1	12.1	*
Sepsis	20	15.0	25.8	*	25.0	34.0	*	30.0	39.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	8.7	*	0.0	15.4	*	0.0	20.4	*
Carotid Endarterectomy	8	0.0	1.5	*	0.0	2.8	*	0.0	4.2	*
Hip Replacement/Reconstruction	10	0.0	4.7	*	0.0	9.5	*	0.0	13.3	*
Open Reduction of Hip Fracture	5	0.0	4.1	*	0.0	7.7	*	0.0	10.2	*
Prostatectomy	11	0.0	1.3	*	0.0	3.4	*	9.1	5.7	*
Cholecystectomy	16	6.3	3.1	*	6.3	5.1	*	6.3	6.2	*
Hysterectomy	4	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1985

Total Beds	169
Ownership/Control	Local Government

STAFFING:

Medical Residents/Interns	0
Registered Nurses	207
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	Yes

** Not used in calculating hospital mortality rates.

MOLINE PUBLIC HOSPITAL

Medicare Provider Number: 140204

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,120	8.4	8.0	1.1	12.7	11.7	1.2	16.0	14.8	1.5
CONDITIONS:										
Acute Myocardial Infarction	50	34.0	30.1	*	42.0	34.0	*	44.0	37.9	*
Congestive Heart Failure	57	19.3	14.4	6.7	24.6	22.0	6.0	29.8	28.5	6.1
Pneumonia/Influenza	43	7.0	15.8	*	11.6	21.4	*	18.6	26.0	*
Chronic Obstructive Pulmonary Disease	10	0.0	5.8	*	20.0	10.6	*	20.0	14.6	*
Transient Cerebral Ischemia	44	0.0	1.6	*	0.0	3.3	*	0.0	5.1	*
Stroke	42	19.0	22.8	*	31.0	29.5	*	33.3	34.2	*
Hip Fracture	31	12.9	5.5	*	19.4	10.4	*	22.6	13.6	*
Sepsis	14	14.3	18.1	*	14.3	23.9	*	14.3	29.0	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	1.9	*	0.0	3.3	*	0.0	4.7	*
Carotid Endarterectomy	15	0.0	1.3	*	6.7	2.5	*	6.7	3.7	*
Hip Replacement/Reconstruction	16	0.0	2.9	*	0.0	5.8	*	6.3	7.8	*
Open Reduction of Hip Fracture	15	13.3	4.9	*	20.0	9.7	*	20.0	13.1	*
Prostatectomy	41	0.0	0.6	*	2.4	1.4	*	7.3	2.3	*
Cholecystectomy	26	3.8	1.5	*	3.8	2.6	*	3.8	3.4	*
Hysterectomy	11	0.0	0.9	*	0.0	2.3	*	0.0	3.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,112	7.0	7.8	4.3	11.1	11.7	4.8	14.8	14.9	4.2
CONDITIONS:										
Acute Myocardial Infarction	49	24.5	32.2	*	28.6	35.7	*	30.6	39.5	*
Congestive Heart Failure	56	17.9	17.2	5.9	26.8	25.8	6.8	37.5	32.6	9.5
Pneumonia/Influenza	43	16.3	16.4	*	25.6	21.8	*	27.9	26.3	*
Chronic Obstructive Pulmonary Disease	14	7.1	8.9	*	14.3	14.9	*	21.4	20.0	*
Transient Cerebral Ischemia	55	0.0	1.8	*	0.0	3.8	*	0.0	5.9	*
Stroke	43	20.9	24.0	*	27.9	30.3	*	34.9	35.0	*
Hip Fracture	28	0.0	5.8	*	0.0	10.6	*	0.0	13.9	*
Sepsis	16	6.3	24.6	*	12.5	32.5	*	18.8	38.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	6.6	*	0.0	11.6	*	0.0	14.9	*
Carotid Endarterectomy	7	0.0	1.3	*	0.0	2.7	*	0.0	3.8	*
Hip Replacement/Reconstruction	10	0.0	2.7	*	0.0	5.4	*	0.0	7.4	*
Open Reduction of Hip Fracture	8	0.0	5.3	*	0.0	10.2	*	0.0	13.7	*
Prostatectomy	35	2.9	1.1	*	8.6	2.8	*	11.4	4.7	*
Cholecystectomy	29	0.0	2.5	*	3.4	4.5	*	3.4	5.8	*
Hysterectomy	13	0.0	0.4	*	0.0	0.9	*	7.7	1.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

UNITED
MEDICAL CENTER

501 Tenth Avenue • Moline, IL 61265
309-757-3131

United Medical Center
Medical Provider Number: 140123
Moline Public Hospital
Medicare Provider Number: 140204

January 14, 1991

Health-Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Gentlemen:

Thank you for affording our institution the opportunity to comment upon the 1987, 1988 and 1989 medicare hospital mortality rates for United Medical Center (1989 data) and its predecessors, Moline Public Hospital and Lutheran Hospital (1987 and 1988 data). Be advised that we applaud and support the Healthcare Financing Administration's desire to promote the highest quality of care, and will do everything possible to insure the public's receipt of accurate, representative data on our institution. It is for the latter that this letter is being forwarded to you.

Upon review of the mortality data collected for the periods October 1 - September 30, 1987, 1988 and 1989, we have essentially the same concerns with the data collected by your organization that we expressed in our October 20, 1989, letter to you regarding the '87 and '88 mortality data for Moline Public and Lutheran Hospital.

Concern 1: Our random chart review indicates HCFA data errors.

Concern 2: HCFA's mortality ranges and cases are numerically different.

Concern 3: Diagnostic categories appear to have been reduced.

Concern 4: The mortality rate data supplied by HCFA for fiscal year 1989 is not statistically valid since two sets of data pertaining to one institution were supplied (one set for Moline Public Hospital and one set for United Medical Center West). Moline Public Hospital and Lutheran Hospital consolidated on January 1, 1989, to become United Medical Center. The confusion that HCFA must have experienced when compiling fiscal year '89 information on this consolidated institution (October 1 - December 31, 1988 data on the institution's predecessors and January 1 - September 30, 1989 data on United Medical Center) is regrettable, understandable, non-representative and very apparent.

Finally, analysis of mortality data is only one factor of many patient care variables impacting the evaluation of health care outcomes and must never be used as the solitary tool to assess the quality of care offered by any provider.

Sincerely,

Barbara

Barbara Philibert, RN, PhD
Chief Operating Officer

BP:pml

MORRIS HOSPITAL

150 W High St
Morris, IL 60450

Medicare Provider Number: 140101

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	844	9.4	9.7	1.4	14.0	14.5	1.4	16.6	18.4	2.1
CONDITIONS:										
Acute Myocardial Infarction	20	50.0	31.5	*	50.0	34.4	*	50.0	38.1	*
Congestive Heart Failure	65	18.5	15.1	7.2	26.2	23.3	5.5	27.7	30.3	6.1
Pneumonia/Influenza	83	8.4	17.2	5.9	14.5	23.4	6.4	21.7	28.2	5.9
Chronic Obstructive Pulmonary Disease	11	0.0	5.0	*	9.1	9.8	*	9.1	14.4	*
Transient Cerebral Ischemia	30	0.0	1.9	*	0.0	4.2	*	3.3	6.6	*
Stroke	29	31.0	19.9	*	41.4	26.4	*	41.4	30.9	*
Hip Fracture	17	11.8	6.5	*	11.8	11.8	*	11.8	15.4	*
Sepsis	7	28.6	32.7	*	42.9	40.8	*	42.9	47.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	3.9	*	0.0	7.1	*	0.0	10.1	*
Carotid Endarterectomy	5	0.0	1.6	*	0.0	2.9	*	0.0	4.4	*
Hip Replacement/Reconstruction	11	9.1	5.3	*	9.1	10.3	*	9.1	14.2	*
Open Reduction of Hip Fracture	7	14.3	6.6	*	14.3	12.1	*	14.3	15.6	*
Prostatectomy	23	0.0	1.4	*	4.3	3.4	*	4.3	5.6	*
Cholecystectomy	19	15.8	7.4	*	26.3	12.7	*	31.6	15.5	*
Hysterectomy	2	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	82
Occupancy Rate	62
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	33
Percent of Physicians Board Certified Specialists	42
Medical Residents/Interns	0
Registered Nurses	84
Licensed Practical Nurses	16

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

MORRIS HOSPITAL

Medicare Provider Number: 140101

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	872	9.9	10.6	2.0	14.4	15.9	2.1	18.8	19.9	1.7
CONDITIONS:										
Acute Myocardial Infarction	23	30.4	29.6	*	34.8	32.8	*	39.1	36.4	*
Congestive Heart Failure	68	22.1	16.4	6.0	30.9	25.2	6.4	38.2	32.3	8.1
Pneumonia/Influenza	60	15.0	20.4	7.8	25.0	27.8	7.1	30.0	33.0	8.1
Chronic Obstructive Pulmonary Disease	12	0.0	8.3	*	0.0	15.1	*	0.0	21.0	*
Transient Cerebral Ischemia	27	14.8	2.2	*	18.5	5.0	*	22.2	8.0	*
Stroke	38	21.1	22.4	*	28.9	29.1	*	31.6	33.8	*
Hip Fracture	18	11.1	7.5	*	16.7	13.3	*	22.2	16.9	*
Sepsis	10	20.0	27.4	*	20.0	34.7	*	20.0	41.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	4.1	*	0.0	7.6	*	0.0	11.0	*
Carotid Endarterectomy	5	0.0	1.7	*	0.0	3.1	*	0.0	4.5	*
Hip Replacement/Reconstruction	11	9.1	4.5	*	18.2	8.3	*	18.2	10.6	*
Open Reduction of Hip Fracture	8	0.0	7.3	*	0.0	13.3	*	12.5	17.0	*
Prostatectomy	22	0.0	0.6	*	0.0	1.3	*	0.0	2.0	*
Cholecystectomy	12	8.3	2.4	*	8.3	4.8	*	8.3	6.8	*
Hysterectomy	3	0.0	1.3	*	0.0	2.5	*	0.0	3.9	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	832	7.3	9.6	1.8	12.0	14.3	1.9	15.4	18.1	2.4
CONDITIONS:										
Acute Myocardial Infarction	24	20.8	29.7	*	29.2	32.4	*	29.2	35.6	*
Congestive Heart Failure	79	11.4	16.0	5.5	16.5	24.3	7.8	25.3	31.4	7.8
Pneumonia/Influenza	50	10.0	17.3	*	18.0	23.4	*	22.0	28.3	*
Chronic Obstructive Pulmonary Disease	4	50.0	14.0	*	50.0	24.3	*	50.0	30.8	*
Transient Cerebral Ischemia	21	0.0	1.9	*	4.8	4.1	*	4.8	6.6	*
Stroke	33	15.2	21.6	*	27.3	28.0	*	30.3	32.5	*
Hip Fracture	20	15.0	7.0	*	20.0	12.4	*	20.0	15.9	*
Sepsis	17	5.9	26.8	*	29.4	32.6	*	35.3	38.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	24.0	*	0.0	36.6	*	0.0	41.8	*
Carotid Endarterectomy	2	0.0	1.7	*	0.0	3.0	*	0.0	4.3	*
Hip Replacement/Reconstruction	9	0.0	4.4	*	11.1	8.2	*	11.1	10.7	*
Open Reduction of Hip Fracture	11	27.3	7.0	*	27.3	13.0	*	27.3	16.8	*
Prostatectomy	21	0.0	0.9	*	4.8	2.0	*	4.8	3.3	*
Cholecystectomy	19	5.3	4.8	*	5.3	9.0	*	5.3	11.8	*
Hysterectomy	11	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MORRISON COMMUNITY HOSPITAL

303 N Jackson Street
Morrison, IL 61270

Medicare Provider Number: 140173

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	121	15.7	9.9	4.5	21.5	14.9	4.9	23.1	19.1	4.5
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	25.5	*	40.0	28.2	*	40.0	31.1	*
Congestive Heart Failure	9	22.2	11.3	*	44.4	17.3	*	55.6	23.0	*
Pneumonia/Influenza	4	0.0	9.9	*	0.0	13.5	*	0.0	16.9	*
Chronic Obstructive Pulmonary Disease	4	25.0	5.7	*	25.0	10.5	*	25.0	15.1	*
Transient Cerebral Ischemia	2	0.0	2.0	*	0.0	4.1	*	0.0	6.5	*
Stroke	8	37.5	24.9	*	50.0	31.7	*	50.0	36.6	*
Hip Fracture	7	0.0	7.6	*	0.0	13.4	*	0.0	17.2	*
Sepsis	1	0.0	22.6	*	0.0	30.1	*	0.0	37.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	5.2	*	0.0	9.5	*	0.0	12.2	*
Open Reduction of Hip Fracture	3	0.0	8.9	*	0.0	16.2	*	0.0	20.7	*
Prostatectomy	6	0.0	0.9	*	0.0	1.9	*	0.0	3.2	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	84
Occupancy Rate	36
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	16
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MORRISON COMMUNITY HOSPITAL

Medicare Provider Number: 140173

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	155	19.4	9.2	3.7	22.6	15.0	3.5	26.5	19.4	3.7
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	9	44.4	19.1	*	44.4	28.3	*	44.4	36.0	*
Pneumonia/Influenza	6	50.0	20.3	*	50.0	27.3	*	50.0	32.6	*
Chronic Obstructive Pulmonary Disease	2	0.0	7.5	*	0.0	13.0	*	50.0	17.5	*
Transient Cerebral Ischemia	8	0.0	2.1	*	0.0	4.7	*	0.0	7.4	*
Stroke	6	50.0	20.9	*	50.0	28.0	*	50.0	32.9	*
Hip Fracture	8	12.5	7.4	*	25.0	13.0	*	25.0	16.3	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	6	16.7	7.3	*	33.3	13.2	*	33.3	16.7	*
Prostatectomy	3	0.0	1.3	*	0.0	3.3	*	0.0	5.7	*
Cholecystectomy	2	0.0	0.9	*	0.0	1.6	*	0.0	2.1	*
Hysterectomy	0									

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	182	14.3	8.2	3.2	17.6	13.1	3.3	22.0	17.1	3.4
CONDITIONS:										
Acute Myocardial Infarction	4	75.0	19.2	*	75.0	22.8	*	75.0	26.4	*
Congestive Heart Failure	5	40.0	17.3	*	40.0	24.7	*	60.0	31.6	*
Pneumonia/Influenza	7	42.9	18.9	*	42.9	25.8	*	42.9	31.1	*
Chronic Obstructive Pulmonary Disease	3	0.0	6.1	*	0.0	11.9	*	0.0	16.8	*
Transient Cerebral Ischemia	6	0.0	2.6	*	0.0	5.6	*	16.7	9.0	*
Stroke	4	50.0	24.4	*	50.0	32.3	*	50.0	38.2	*
Hip Fracture	6	0.0	9.5	*	16.7	16.9	*	16.7	21.5	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	3.8	*	50.0	8.0	*	50.0	11.3	*
Open Reduction of Hip Fracture	4	0.0	10.6	*	0.0	19.4	*	0.0	24.8	*
Prostatectomy	9	0.0	1.3	*	0.0	3.1	*	11.1	5.2	*
Cholecystectomy	1	0.0	1.0	*	0.0	1.7	*	0.0	2.4	*
Hysterectomy	0									

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MT SINAI HOSPITAL - NORTH

2451 W Howard Street
Chicago, IL 60645

Medicare Provider Number: 140099

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	285	11.2	11.0	4.4	19.3	17.2	4.0	24.9	21.9	2.8
CONDITIONS:										
Acute Myocardial Infarction	8	37.5	31.1	*	37.5	37.0	*	37.5	40.4	*
Congestive Heart Failure	13	7.7	15.5	*	23.1	24.2	*	30.8	31.1	*
Pneumonia/Influenza	15	26.7	21.3	*	26.7	28.5	*	33.3	33.8	*
Chronic Obstructive Pulmonary Disease	3	0.0	8.0	*	33.3	15.1	*	33.3	21.2	*
Transient Cerebral Ischemia	0									
Stroke	8	12.5	18.1	*	25.0	24.0	*	37.5	28.4	*
Hip Fracture	2	0.0	6.9	*	0.0	12.5	*	0.0	16.5	*
Sepsis	8	37.5	33.4	*	50.0	43.6	*	50.0	50.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.8	*	0.0	3.9	*	0.0	6.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	2.7	*	0.0	5.0	*	0.0	6.6	*
Open Reduction of Hip Fracture	1	0.0	7.5	*	0.0	14.5	*	0.0	19.7	*
Prostatectomy	13	7.7	1.4	*	15.4	3.7	*	23.1	6.5	*
Cholecystectomy	1	0.0	0.9	*	0.0	1.4	*	0.0	1.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1988

Total Beds	150
Ownership/Control	Private, Non-Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	53
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

MT SINAI HOSPITAL - NORTH

Medicare Provider Number: 140099

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	577	10.1	12.0	2.0	16.6	18.1	2.0	21.7	22.9	1.8
CONDITIONS:										
Acute Myocardial Infarction	21	42.9	27.9	*	47.6	32.1	*	52.4	36.0	*
Congestive Heart Failure	31	25.8	17.9	*	38.7	27.5	*	48.4	35.1	*
Pneumonia/Influenza	27	7.4	19.0	*	22.2	25.7	*	29.6	30.2	*
Chronic Obstructive Pulmonary Disease	4	25.0	5.4	*	25.0	9.6	*	25.0	13.5	*
Transient Cerebral Ischemia	8	0.0	2.1	*	0.0	4.6	*	12.5	7.2	*
Stroke	12	16.7	26.1	*	16.7	33.0	*	16.7	37.9	*
Hip Fracture	12	0.0	6.6	*	0.0	11.4	*	0.0	14.4	*
Sepsis	18	22.2	33.3	*	38.9	42.4	*	50.0	49.5	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	33.3	4.7	*	33.3	8.5	*	50.0	12.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	5.9	*	0.0	11.6	*	0.0	15.6	*
Open Reduction of Hip Fracture	7	0.0	5.4	*	0.0	9.5	*	0.0	12.2	*
Prostatectomy	22	4.5	2.1	*	9.1	5.1	*	13.6	8.3	*
Cholecystectomy	7	0.0	6.1	*	0.0	10.7	*	14.3	13.1	*
Hysterectomy	1	0.0	0.3	*	0.0	0.5	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	503	8.0	10.0	3.0	13.5	15.6	4.8	17.7	19.9	6.2
CONDITIONS:										
Acute Myocardial Infarction	11	36.4	33.2	*	45.5	36.8	*	63.6	40.9	*
Congestive Heart Failure	26	7.7	17.9	*	11.5	26.8	*	11.5	33.9	*
Pneumonia/Influenza	24	8.3	17.5	*	20.8	23.4	*	20.8	28.2	*
Chronic Obstructive Pulmonary Disease	7	42.9	15.7	*	42.9	26.3	*	42.9	33.5	*
Transient Cerebral Ischemia	1	0.0	2.2	*	0.0	4.7	*	0.0	7.2	*
Stroke	5	0.0	21.8	*	0.0	28.5	*	0.0	33.5	*
Hip Fracture	8	12.5	7.8	*	12.5	14.8	*	12.5	19.6	*
Sepsis	4	25.0	20.5	*	25.0	29.9	*	50.0	35.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	25.0	2.4	*	25.0	5.4	*	25.0	8.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	5	20.0	7.8	*	20.0	15.6	*	20.0	21.2	*
Prostatectomy	20	5.0	1.6	*	10.0	4.1	*	10.0	6.8	*
Cholecystectomy	2	0.0	0.8	*	0.0	1.5	*	0.0	2.2	*
Hysterectomy	1	0.0	3.6	*	0.0	7.8	*	0.0	11.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MT SINAI HOSPITAL MEDICAL CENTER

15th Street at California
Chicago, IL 60608

Medicare Provider Number: 140018

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,110	11.5	10.3	2.2	17.9	15.9	2.4	22.6	20.2	2.5
CONDITIONS:										
Acute Myocardial Infarction	19	52.6	25.5	*	52.6	28.7	*	52.6	32.1	*
Congestive Heart Failure	70	14.3	13.9	5.5	21.4	22.2	5.0	24.3	29.0	7.3
Pneumonia/Influenza	45	17.8	14.7	*	22.2	20.3	*	24.4	24.7	*
Chronic Obstructive Pulmonary Disease	6	16.7	7.2	*	33.3	11.7	*	33.3	15.7	*
Transient Cerebral Ischemia	9	0.0	1.9	*	0.0	4.4	*	11.1	7.1	*
Stroke	51	9.8	15.6	9.5	19.6	21.6	10.1	21.6	25.6	7.2
Hip Fracture	9	22.2	7.0	*	44.4	11.7	*	55.6	14.8	*
Sepsis	14	50.0	25.1	*	50.0	32.8	*	57.1	38.7	*
PROCEDURES:										
Angioplasty	4	0.0	2.4	*	0.0	3.8	*	0.0	5.2	*
Coronary Artery Bypass Graft	2	0.0	3.4	*	0.0	4.2	*	50.0	5.0	*
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	12.5	4.0	*	25.0	6.8	*	37.5	8.7	*
Open Reduction of Hip Fracture	1	0.0	9.1	*	100.0	15.2	*	100.0	18.7	*
Prostatectomy	18	0.0	1.2	*	0.0	3.0	*	0.0	5.1	*
Cholecystectomy	15	0.0	4.1	*	0.0	7.1	*	6.7	9.0	*
Hysterectomy	10	0.0	0.6	*	0.0	1.4	*	0.0	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	356
Occupancy Rate	78
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	283
Percent of Physicians Board Certified Specialists	70
Medical Residents/Interns	23
Registered Nurses	183
Licensed Practical Nurses	95

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

MT SINAI HOSPITAL MEDICAL CENTER

Medicare Provider Number: 140018

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,343	10.9	10.7	0.9	17.2	16.0	1.2	22.3	20.2	1.4
CONDITIONS:										
Acute Myocardial Infarction	28	21.4	26.8	*	28.6	29.3	*	32.1	32.6	*
Congestive Heart Failure	90	15.6	15.2	4.1	27.8	23.7	8.8	33.3	30.6	7.1
Pneumonia/Influenza	48	20.8	16.9	*	22.9	23.0	*	25.0	27.8	*
Chronic Obstructive Pulmonary Disease	9	0.0	7.1	*	11.1	12.1	*	11.1	16.5	*
Transient Cerebral Ischemia	15	0.0	2.5	*	0.0	5.4	*	0.0	8.4	*
Stroke	51	25.5	21.7	6.4	33.3	28.8	7.9	43.1	33.6	10.2
Hip Fracture	16	6.3	9.2	*	12.5	16.6	*	12.5	21.5	*
Sepsis	35	20.0	36.3	*	40.0	44.4	*	57.1	50.9	*
PROCEDURES:										
Angioplasty	3	33.3	15.1	*	33.3	20.6	*	33.3	25.5	*
Coronary Artery Bypass Graft	7	42.9	7.5	*	42.9	9.1	*	42.9	10.3	*
Initial Pacemaker Insertion	5	0.0	3.3	*	0.0	5.3	*	0.0	7.5	*
Carotid Endarterectomy	1	0.0	1.1	*	0.0	2.0	*	0.0	2.8	*
Hip Replacement/Reconstruction	6	0.0	6.3	*	16.7	11.5	*	16.7	14.6	*
Open Reduction of Hip Fracture	6	0.0	5.4	*	0.0	9.4	*	0.0	12.3	*
Prostatectomy	30	0.0	1.4	*	0.0	3.6	*	3.3	6.3	*
Cholecystectomy	27	3.7	2.5	*	3.7	4.9	*	14.8	6.8	*
Hysterectomy	7	0.0	0.8	*	14.3	1.5	*	14.3	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,269	9.1	10.7	4.6	15.8	16.4	3.0	19.3	20.5	3.8
CONDITIONS:										
Acute Myocardial Infarction	22	13.6	28.5	*	18.2	31.0	*	22.7	34.2	*
Congestive Heart Failure	74	12.2	15.3	5.0	16.2	23.2	7.9	21.6	29.6	9.5
Pneumonia/Influenza	58	20.7	18.4	6.6	34.5	24.6	10.0	37.9	29.5	10.4
Chronic Obstructive Pulmonary Disease	14	7.1	12.1	*	28.6	19.2	*	28.6	24.9	*
Transient Cerebral Ischemia	16	0.0	2.1	*	0.0	4.4	*	0.0	6.9	*
Stroke	40	27.5	19.7	*	32.5	27.0	*	40.0	31.6	*
Hip Fracture	12	16.7	6.5	*	33.3	11.7	*	33.3	15.0	*
Sepsis	29	20.7	34.2	*	44.8	44.1	*	48.3	51.2	*
PROCEDURES:										
Angioplasty	3	66.7	1.2	*	66.7	1.5	*	66.7	2.1	*
Coronary Artery Bypass Graft	2	0.0	5.2	*	0.0	6.7	*	0.0	7.8	*
Initial Pacemaker Insertion	5	40.0	3.3	*	40.0	7.2	*	40.0	11.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	7.1	*	0.0	13.8	*	0.0	18.3	*
Open Reduction of Hip Fracture	4	0.0	8.0	*	0.0	14.6	*	0.0	18.3	*
Prostatectomy	42	0.0	1.9	*	2.4	4.9	*	2.4	8.2	*
Cholecystectomy	20	0.0	4.1	*	5.0	8.1	*	10.0	11.4	*
Hysterectomy	7	0.0	1.5	*	0.0	3.3	*	0.0	4.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

NORTHERN ILLINOIS MEDICAL CENTER

4201 Medical Center Drive
McHenry, IL 60050

Medicare Provider Number: 140116

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,316	10.7	9.9	1.4	16.0	15.0	1.1	19.8	18.9	1.7
CONDITIONS:										
Acute Myocardial Infarction	39	25.6	21.1	*	33.3	24.4	*	35.9	27.9	*
Congestive Heart Failure	76	25.0	15.6	7.0	35.5	24.5	8.9	40.8	31.8	8.1
Pneumonia/Influenza	105	18.1	17.2	4.0	26.7	23.3	5.4	32.4	28.1	8.6
Chronic Obstructive Pulmonary Disease	19	0.0	6.0	*	0.0	10.8	*	5.3	15.2	*
Transient Cerebral Ischemia	23	4.3	2.0	*	4.3	4.6	*	4.3	7.3	*
Stroke	67	17.9	17.8	4.7	23.9	23.8	6.3	29.9	27.9	6.1
Hip Fracture	45	6.7	8.2	*	8.9	14.4	*	17.8	18.3	*
Sepsis	22	27.3	28.2	*	36.4	36.2	*	40.9	41.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	14.3	2.9	*	14.3	5.9	*	14.3	9.1	*
Carotid Endarterectomy	4	25.0	1.2	*	25.0	2.2	*	25.0	3.4	*
Hip Replacement/Reconstruction	28	0.0	3.4	*	0.0	6.1	*	7.1	7.9	*
Open Reduction of Hip Fracture	14	14.3	9.6	*	14.3	17.5	*	14.3	22.4	*
Prostatectomy	55	0.0	0.9	1.4	1.8	2.0	2.2	1.8	3.5	3.2
Cholecystectomy	35	2.9	3.4	*	8.6	6.7	*	14.3	9.0	*
Hysterectomy	13	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	158
Occupancy Rate	63
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	98
Percent of Physicians Board Certified Specialists	73
Medical Residents/Interns	0
Registered Nurses	147
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

NORTHERN ILLINOIS MEDICAL CENTER

Medicare Provider Number: 140116

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,325	10.6	10.2	1.2	15.8	15.3	1.1	19.5	19.1	1.1
CONDITIONS:										
Acute Myocardial Infarction	49	38.8	28.2	*	38.8	32.0	*	42.9	36.1	*
Congestive Heart Failure	88	17.0	15.7	4.6	23.9	23.6	4.5	30.7	30.2	4.9
Pneumonia/Influenza	72	9.7	16.4	7.7	18.1	22.3	7.4	19.4	26.9	10.1
Chronic Obstructive Pulmonary Disease	4	0.0	5.2	*	0.0	9.6	*	0.0	13.8	*
Transient Cerebral Ischemia	25	0.0	1.6	*	4.0	3.3	*	8.0	5.0	*
Stroke	62	25.8	21.7	7.3	33.9	29.1	7.2	35.5	33.8	6.2
Hip Fracture	34	2.9	6.6	*	2.9	11.5	*	2.9	14.6	*
Sepsis	21	9.5	29.4	*	14.3	37.4	*	23.8	43.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	4.1	*	0.0	7.4	*	0.0	10.0	*
Carotid Endarterectomy	8	0.0	1.1	*	0.0	2.0	*	0.0	3.0	*
Hip Replacement/Reconstruction	19	0.0	3.4	*	0.0	6.7	*	0.0	9.4	*
Open Reduction of Hip Fracture	16	6.3	6.7	*	6.3	12.0	*	6.3	15.5	*
Prostatectomy	55	0.0	3.2	3.1	1.8	6.1	4.4	3.6	8.5	5.3
Cholecystectomy	22	9.1	3.4	*	9.1	5.4	*	9.1	6.6	*
Hysterectomy	8	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,290	9.7	10.2	1.3	14.0	15.2	2.3	17.7	19.0	3.1
CONDITIONS:										
Acute Myocardial Infarction	49	26.5	27.9	*	32.7	31.4	*	36.7	35.0	*
Congestive Heart Failure	85	14.1	16.1	4.5	18.8	24.1	5.3	28.2	30.7	5.2
Pneumonia/Influenza	65	27.7	18.8	8.1	32.3	25.4	8.6	32.3	30.6	11.0
Chronic Obstructive Pulmonary Disease	12	0.0	10.4	*	0.0	16.8	*	8.3	21.7	*
Transient Cerebral Ischemia	31	6.5	2.2	*	9.7	4.9	*	9.7	7.8	*
Stroke	65	10.8	20.8	8.8	18.5	27.6	8.8	24.6	31.9	8.5
Hip Fracture	30	3.3	6.1	*	6.7	11.0	*	10.0	14.3	*
Sepsis	20	30.0	30.5	*	35.0	37.8	*	45.0	44.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	1.4	*	0.0	3.1	*	0.0	4.8	*
Carotid Endarterectomy	8	0.0	1.4	*	0.0	2.7	*	0.0	4.0	*
Hip Replacement/Reconstruction	14	0.0	2.3	*	0.0	4.6	*	0.0	6.2	*
Open Reduction of Hip Fracture	13	7.7	6.4	*	7.7	11.9	*	15.4	15.5	*
Prostatectomy	55	1.8	1.2	1.7	3.6	2.9	2.4	5.5	4.8	2.9
Cholecystectomy	35	0.0	2.2	*	0.0	4.0	*	0.0	5.3	*
Hysterectomy	4	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

NORTHWEST COMMUNITY HOSPITAL

800 W Central Road
Arlington Heights, IL 60005

Medicare Provider Number: 140252

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,495	8.2	9.3	0.6	14.0	14.2	0.7	18.0	18.0	0.7
CONDITIONS:										
Acute Myocardial Infarction	120	24.2	29.0	5.2	33.3	32.1	5.1	36.7	35.7	4.5
Congestive Heart Failure	191	10.5	15.4	5.1	22.0	23.6	7.3	27.7	30.4	4.7
Pneumonia/Influenza	97	23.7	19.1	6.1	29.9	25.3	8.7	36.1	30.2	9.4
Chronic Obstructive Pulmonary Disease	43	7.0	7.2	*	11.6	12.2	*	20.9	16.6	*
Transient Cerebral Ischemia	63	0.0	1.9	2.4	6.3	4.1	3.2	7.9	6.5	3.5
Stroke	145	17.2	22.8	5.5	25.5	29.1	4.7	29.7	33.7	4.6
Hip Fracture	107	10.3	7.2	4.2	15.0	12.8	4.6	18.7	16.6	4.7
Sepsis	45	26.7	28.7	*	37.8	38.6	*	46.7	45.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	39	5.1	3.8	*	12.8	7.5	*	15.4	11.0	*
Carotid Endarterectomy	18	0.0	1.4	*	0.0	2.8	*	0.0	4.2	*
Hip Replacement/Reconstruction	64	7.8	4.0	5.1	12.5	7.4	7.1	14.1	9.8	7.7
Open Reduction of Hip Fracture	58	6.9	6.3	3.2	10.3	11.6	4.8	12.1	15.1	6.7
Prostatectomy	117	2.6	1.0	1.5	5.1	2.4	2.5	6.0	4.1	3.3
Cholecystectomy	75	2.7	3.3	2.4	4.0	5.6	3.6	5.3	7.1	4.0
Hysterectomy	31	0.0	0.8	*	0.0	1.7	*	3.2	2.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	407
Occupancy Rate	81
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	451
Percent of Physicians Board Certified Specialists	73
Medical Residents/Interns	0
Registered Nurses	505
Licensed Practical Nurses	12

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

NORTHWEST COMMUNITY HOSPITAL
Medicare Provider Number: 140252

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,666	8.1	9.7	0.7	13.8	14.8	0.8	17.5	18.7	0.8
CONDITIONS:										
Acute Myocardial Infarction	121	30.6	31.7	4.4	33.9	34.9	4.5	37.2	38.7	4.8
Congestive Heart Failure	175	18.3	16.4	3.1	30.3	24.8	5.6	37.7	31.8	5.9
Pneumonia/Influenza	126	20.6	20.6	3.6	29.4	27.3	4.4	32.5	32.4	4.3
Chronic Obstructive Pulmonary Disease	35	5.7	13.5	*	17.1	21.3	*	34.3	27.0	*
Transient Cerebral Ischemia	66	1.5	2.1	2.1	4.5	4.6	2.6	6.1	7.2	3.4
Stroke	158	15.8	22.5	4.6	24.7	28.7	4.8	31.6	33.3	3.9
Hip Fracture	115	3.5	7.6	4.9	11.3	13.9	5.7	15.7	17.8	4.3
Sepsis	48	18.8	25.1	*	25.0	33.4	*	29.2	39.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	45	0.0	4.5	*	4.4	7.8	*	4.4	10.9	*
Carotid Endarterectomy	18	0.0	1.4	*	0.0	2.8	*	0.0	4.2	*
Hip Replacement/Reconstruction	88	4.5	3.5	2.3	5.7	6.5	4.3	5.7	8.4	5.0
Open Reduction of Hip Fracture	54	0.0	7.4	6.8	13.0	14.3	7.1	18.5	18.8	5.3
Prostatectomy	147	0.0	1.0	1.1	2.0	2.3	1.3	3.4	3.8	1.6
Cholecystectomy	93	1.1	2.9	2.2	1.1	5.2	3.5	2.2	6.8	3.9
Hysterectomy	34	0.0	1.1	*	2.9	2.4	*	5.9	3.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,361	8.4	10.1	1.8	14.1	15.4	1.2	17.4	19.4	1.6
CONDITIONS:										
Acute Myocardial Infarction	104	30.8	30.4	5.5	34.6	34.1	7.2	35.6	37.8	8.0
Congestive Heart Failure	160	16.2	17.8	3.6	28.7	26.5	3.9	35.0	33.5	4.1
Pneumonia/Influenza	121	10.7	19.9	5.1	19.0	26.5	4.6	25.6	31.6	4.8
Chronic Obstructive Pulmonary Disease	20	15.0	11.5	*	20.0	20.9	*	25.0	28.4	*
Transient Cerebral Ischemia	67	0.0	2.1	*	1.5	4.6	*	1.5	7.3	*
Stroke	148	21.6	25.5	4.2	31.8	32.6	4.0	35.1	37.5	4.3
Hip Fracture	109	11.0	8.8	5.0	19.3	15.4	8.2	24.8	19.6	8.8
Sepsis	45	20.0	30.4	*	28.9	39.4	*	33.3	46.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	39	0.0	4.2	*	2.6	7.8	*	2.6	11.1	*
Carotid Endarterectomy	18	0.0	1.3	*	0.0	2.6	*	0.0	3.9	*
Hip Replacement/Reconstruction	74	6.8	4.0	3.0	9.5	7.5	5.0	13.5	9.9	6.1
Open Reduction of Hip Fracture	69	10.1	7.9	7.3	21.7	14.7	9.4	26.1	19.1	9.2
Prostatectomy	116	2.6	1.3	2.0	3.4	3.0	2.1	4.3	4.9	2.3
Cholecystectomy	70	1.4	4.1	3.1	4.3	7.7	4.6	4.3	10.2	5.3
Hysterectomy	26	0.0	0.6	*	0.0	1.2	*	3.8	1.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

NORTHWESTERN MEMORIAL HOSPITAL

250 E Superior Street
Chicago, IL 60611

Medicare Provider Number: 140281

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,668	8.0	8.3	0.5	12.5	12.9	0.6	15.2	16.6	0.9
CONDITIONS:										
Acute Myocardial Infarction	90	24.4	30.5	8.7	30.0	34.4	8.9	33.3	38.1	8.2
Congestive Heart Failure	132	15.2	15.6	4.1	27.3	24.4	6.0	31.8	31.7	7.0
Pneumonia/Influenza	93	18.3	17.0	4.0	20.4	23.0	4.8	21.5	27.6	5.8
Chronic Obstructive Pulmonary Disease	25	4.0	7.2	*	8.0	12.9	*	12.0	17.9	*
Transient Cerebral Ischemia	47	4.3	1.8	*	6.4	4.0	*	6.4	6.4	*
Stroke	90	8.9	18.1	5.9	14.4	24.7	6.8	18.9	29.0	6.9
Hip Fracture	75	8.0	6.0	3.2	9.3	10.6	3.7	9.3	13.8	5.5
Sepsis	10	40.0	29.9	*	40.0	37.5	*	40.0	44.1	*
PROCEDURES:										
Angioplasty	55	0.0	3.7	4.5	3.6	4.8	5.4	3.6	6.1	5.2
Coronary Artery Bypass Graft	82	9.8	5.6	4.9	13.4	7.6	5.4	13.4	8.9	5.9
Initial Pacemaker Insertion	16	0.0	2.3	*	0.0	4.9	*	6.3	7.4	*
Carotid Endarterectomy	22	0.0	1.2	*	0.0	2.2	*	0.0	3.2	*
Hip Replacement/Reconstruction	75	0.0	1.4	*	0.0	2.5	*	0.0	3.4	*
Open Reduction of Hip Fracture	41	7.3	5.4	*	9.8	10.0	*	9.8	13.1	*
Prostatectomy	110	0.0	0.8	1.1	0.0	2.0	2.2	1.8	3.5	2.2
Cholecystectomy	51	7.8	3.0	4.0	9.8	5.5	4.3	9.8	7.5	4.3
Hysterectomy	24	4.2	1.1	*	8.3	2.4	*	8.3	3.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	708
Occupancy Rate	76
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	685
Percent of Physicians Board Certified Specialists	88
Medical Residents/Interns	282
Registered Nurses	987
Licensed Practical Nurses	63

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

NORTHWESTERN MEMORIAL HOSPITAL

Medicare Provider Number: 140281

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,111	7.0	8.0	0.6	11.4	12.8	0.7	14.9	16.5	0.8
CONDITIONS:										
Acute Myocardial Infarction	90	21.1	31.1	7.6	24.4	34.9	7.7	27.8	38.7	8.0
Congestive Heart Failure	119	13.4	16.0	6.4	20.2	24.3	6.4	28.6	31.1	4.8
Pneumonia/Influenza	86	22.1	17.5	5.1	23.3	23.5	4.8	25.6	28.2	5.1
Chronic Obstructive Pulmonary Disease	27	3.7	6.1	*	11.1	10.9	*	14.8	15.6	*
Transient Cerebral Ischemia	62	0.0	1.6	*	1.6	3.6	*	3.2	5.7	*
Stroke	110	4.5	20.3	5.4	11.8	27.6	5.9	15.5	32.4	6.0
Hip Fracture	86	3.5	6.7	3.1	5.8	12.3	4.7	7.0	16.0	6.0
Sepsis	23	34.8	27.5	*	34.8	37.0	*	34.8	43.8	*
PROCEDURES:										
Angioplasty	38	2.6	4.1	*	2.6	5.2	*	5.3	6.3	*
Coronary Artery Bypass Graft	97	7.2	5.8	3.3	10.3	8.0	3.8	11.3	9.4	3.6
Initial Pacemaker Insertion	14	0.0	4.1	*	7.1	6.9	*	7.1	9.5	*
Carotid Endarterectomy	22	4.5	1.5	*	4.5	2.9	*	4.5	4.4	*
Hip Replacement/Reconstruction	93	1.1	2.2	1.9	3.2	4.2	2.7	3.2	5.6	3.3
Open Reduction of Hip Fracture	45	2.2	5.6	*	2.2	10.8	*	4.4	14.4	*
Prostatectomy	124	0.0	1.0	2.3	4.0	2.4	2.0	6.5	4.1	2.4
Cholecystectomy	45	0.0	2.6	*	0.0	4.6	*	4.4	5.9	*
Hysterectomy	35	0.0	0.7	*	0.0	1.4	*	0.0	2.1	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,058	6.6	8.2	2.4	11.0	12.7	2.5	14.1	16.2	2.9
CONDITIONS:										
Acute Myocardial Infarction	90	15.6	28.8	7.4	20.0	32.4	7.2	26.7	36.1	6.7
Congestive Heart Failure	128	14.1	16.0	4.0	22.7	24.1	4.7	30.5	30.9	4.8
Pneumonia/Influenza	85	14.1	17.8	5.1	20.0	23.8	6.0	22.4	28.5	8.3
Chronic Obstructive Pulmonary Disease	35	5.7	10.3	*	14.3	17.2	*	20.0	22.5	*
Transient Cerebral Ischemia	52	0.0	1.9	2.8	3.8	4.0	2.9	5.8	6.2	4.0
Stroke	113	9.7	21.0	5.9	16.8	27.7	6.1	20.4	32.1	6.5
Hip Fracture	75	4.0	6.5	3.9	10.7	11.5	3.8	14.7	14.9	4.5
Sepsis	21	33.3	36.7	*	52.4	46.1	*	52.4	53.2	*
PROCEDURES:										
Angioplasty	26	0.0	3.7	*	0.0	4.7	*	0.0	5.9	*
Coronary Artery Bypass Graft	86	5.8	6.2	2.8	11.6	8.3	3.9	14.0	9.5	4.7
Initial Pacemaker Insertion	32	6.3	3.3	*	9.4	6.4	*	12.5	9.2	*
Carotid Endarterectomy	26	0.0	1.3	*	0.0	2.5	*	0.0	3.5	*
Hip Replacement/Reconstruction	83	1.2	2.2	2.0	4.8	4.0	2.3	6.0	5.3	2.6
Open Reduction of Hip Fracture	43	2.3	5.4	*	7.0	10.2	*	9.3	13.5	*
Prostatectomy	117	0.9	1.0	0.9	1.7	2.4	1.6	2.6	4.1	2.3
Cholecystectomy	49	0.0	2.7	*	0.0	4.6	*	0.0	6.0	*
Hysterectomy	34	0.0	0.7	*	0.0	1.6	*	0.0	2.4	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

NORWEGIAN-AMERICAN HOSPITAL

1044 N Francisco Ave
Chicago, IL 60622

Medicare Provider Number: 140206

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	326	3.7	6.0	2.4	6.1	9.8	3.8	10.1	12.8	3.2
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	27.3	*	25.0	30.3	*	50.0	33.5	*
Congestive Heart Failure	17	5.9	14.3	*	11.8	22.8	*	23.5	29.7	*
Pneumonia/Influenza	14	28.6	14.8	*	28.6	20.2	*	35.7	24.5	*
Chronic Obstructive Pulmonary Disease	6	16.7	7.8	*	33.3	13.0	*	33.3	17.6	*
Transient Cerebral Ischemia	11	0.0	2.1	*	0.0	4.6	*	0.0	7.4	*
Stroke	5	0.0	18.8	*	0.0	24.1	*	20.0	28.1	*
Hip Fracture	4	0.0	5.6	*	0.0	9.9	*	0.0	12.8	*
Sepsis	1	0.0	16.4	*	0.0	21.7	*	0.0	26.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	1.8	*	0.0	3.5	*	0.0	5.2	*
Carotid Endarterectomy	1	0.0	1.4	*	0.0	2.4	*	0.0	3.6	*
Hip Replacement/Reconstruction	1	0.0	6.0	*	0.0	11.2	*	0.0	14.7	*
Open Reduction of Hip Fracture	2	0.0	5.8	*	0.0	10.4	*	0.0	13.3	*
Prostatectomy	9	11.1	1.7	*	11.1	4.0	*	11.1	6.3	*
Cholecystectomy	2	0.0	2.3	*	0.0	3.8	*	0.0	4.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	230
Occupancy Rate	50
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	92
Percent of Physicians Board Certified Specialists	45
Medical Residents/Interns	0
Registered Nurses	169
Licensed Practical Nurses	13

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

NORWEGIAN-AMERICAN HOSPITAL

Medicare Provider Number: 140206

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	302	4.3	6.6	1.7	7.3	10.5	2.1	8.9	13.5	2.5
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	34.2	*	66.7	37.5	*	66.7	40.9	*
Congestive Heart Failure	22	13.6	12.9	*	13.6	19.6	*	18.2	25.5	*
Pneumonia/Influenza	16	6.3	12.7	*	12.5	17.3	*	12.5	21.2	*
Chronic Obstructive Pulmonary Disease	6	0.0	15.0	*	0.0	23.6	*	0.0	29.5	*
Transient Cerebral Ischemia	10	0.0	1.8	*	0.0	3.8	*	0.0	6.0	*
Stroke	2	0.0	18.7	*	0.0	25.3	*	0.0	29.9	*
Hip Fracture	1	0.0	5.7	*	0.0	11.5	*	0.0	15.8	*
Sepsis	1	0.0	30.1	*	0.0	40.2	*	0.0	45.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	4.9	*	0.0	10.4	*	0.0	14.6	*
Prostatectomy	19	0.0	1.1	*	5.3	2.8	*	5.3	4.8	*
Cholecystectomy	4	0.0	2.3	*	0.0	4.6	*	0.0	6.7	*
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	319	8.2	7.7	1.6	11.6	11.8	3.4	14.4	14.8	4.3
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	26.5	*	33.3	29.0	*	33.3	31.8	*
Congestive Heart Failure	13	15.4	16.8	*	15.4	24.6	*	15.4	31.1	*
Pneumonia/Influenza	15	26.7	17.6	*	33.3	24.1	*	46.7	28.7	*
Chronic Obstructive Pulmonary Disease	2	0.0	4.8	*	50.0	8.4	*	50.0	11.6	*
Transient Cerebral Ischemia	7	0.0	1.8	*	0.0	3.6	*	0.0	5.5	*
Stroke	9	0.0	12.9	*	0.0	18.8	*	0.0	22.6	*
Hip Fracture	1	0.0	4.4	*	100.0	8.0	*	100.0	10.5	*
Sepsis	1	0.0	22.7	*	0.0	27.0	*	0.0	32.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	3.6	*	0.0	8.9	*	0.0	14.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	3.7	*	100.0	7.3	*	100.0	9.7	*
Prostatectomy	16	0.0	2.1	*	0.0	4.9	*	0.0	7.5	*
Cholecystectomy	6	0.0	0.9	*	0.0	1.6	*	0.0	2.1	*
Hysterectomy	4	0.0	4.6	*	25.0	9.7	*	25.0	13.8	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

OAK FOREST HOSPITAL

15900 South Cicero
Oak Forest, IL 60452

Medicare Provider Number: 140298

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	168	31.0	21.6	7.7	51.2	33.9	14.0	60.1	42.9	13.9
CONDITIONS:										
Acute Myocardial Infarction	1	100.0	37.1	*	100.0	45.7	*	100.0	50.7	*
Congestive Heart Failure	7	28.6	20.2	*	85.7	31.4	*	85.7	40.5	*
Pneumonia/Influenza	25	48.0	35.2	*	64.0	46.6	*	88.0	54.1	*
Chronic Obstructive Pulmonary Disease	1	100.0	5.6	*	100.0	13.5	*	100.0	20.9	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	14	57.1	38.0	*	71.4	47.4	*	78.6	54.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.8	*	0.0	2.5	*	0.0	3.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	972
Occupancy Rate	90
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	67
Percent of Physicians Board Certified Specialists	64
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

OAK FOREST HOSPITAL

Medicare Provider Number: 140298

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	418	27.0	19.4	2.1	40.4	30.9	2.7	52.2	39.2	3.0
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	10.9	*	0.0	12.1	*	0.0	13.8	*
Congestive Heart Failure	26	50.0	23.2	*	65.4	34.7	*	69.2	43.4	*
Pneumonia/Influenza	47	46.8	26.5	*	53.2	35.5	*	68.1	41.8	*
Chronic Obstructive Pulmonary Disease	4	0.0	13.2	*	25.0	28.4	*	75.0	40.2	*
Transient Cerebral Ischemia	0									
Stroke	5	20.0	20.2	*	40.0	27.4	*	40.0	32.2	*
Hip Fracture	0									
Sepsis	52	30.8	27.6	8.0	42.3	41.2	9.0	59.6	49.9	10.7
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	10	0.0	1.8	*	0.0	4.6	*	0.0	8.1	*
Cholecystectomy	2	0.0	2.2	*	0.0	3.4	*	50.0	4.8	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	467	30.8	20.0	12.0	45.0	30.7	15.8	53.5	38.4	16.9
CONDITIONS:										
Acute Myocardial Infarction	1	100.0	32.9	*	100.0	35.8	*	100.0	39.9	*
Congestive Heart Failure	21	52.4	27.3	*	71.4	40.2	*	76.2	49.5	*
Pneumonia/Influenza	48	52.1	31.3	*	75.0	41.8	*	83.3	49.1	*
Chronic Obstructive Pulmonary Disease	3	66.7	22.4	*	100.0	38.6	*	100.0	50.5	*
Transient Cerebral Ischemia	3	33.3	3.7	*	66.7	8.6	*	66.7	14.0	*
Stroke	4	75.0	29.4	*	75.0	37.9	*	100.0	43.4	*
Hip Fracture	0									
Sepsis	60	38.3	29.3	8.7	48.3	40.8	10.3	61.7	47.9	11.7
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	10	0.0	1.7	*	0.0	4.1	*	10.0	6.8	*
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

Oak Forest Hospital

15900 South Cicero Avenue • Oak Forest, Illinois 60452 • Phone: (708) 687-7200 • Chicago: (312) 928-4200

December 27, 1990

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Medicare Provider #14-2007

Dear Mrs. Kappert:

For the last five years, HCFA has included Oak Forest Hospital in its annual release of Medicare mortality information. Why does your agency continue to include our long-term hospital in this study? Your agency states that, "Only acute-care hospitalizations in short-term (general and specialty) hospitals were selected. These hospitals have a 0 in the third position of their Medicare provider number. Hospitalizations in special cost centers, designated by a 9 in the fourth position of the provider number, and hospitalizations in psychiatric units, rehabilitation units, swing-beds and alcohol/drug units, with special codes of S,T,U, and V, respectively in the third position were excluded."

Of the 5,500 hospitals in the United States, approximately 88 are classified as long-term hospitals. Long-term hospitals, as defined by HCFA, are the ones in which the average length of stay is more than 25 days. Oak Forest Hospital has been classified as a long-term hospital since December 5, 1988.

Short-term hospitals have an average length of stay just under 8 days.

Your agency does not serve the public by grouping together without discrimination long-term care hospitals with short-term hospitals.

This facility admits patients who have from five to fifteen diagnoses, which over the course of their hospital stay, present peaks and valleys of acuity. These patients come to Oak Forest from over 50 short-term acute hospitals and 40 nursing homes throughout the Chicago metropolitan area. Our facility is respected for the high quality management of chronic disease patients.

When a patient from Oak Forest Hospital's 679 bed Chronic Disease level of care or 108 bed Intermediate level of care becomes acutely ill, he is transferred to our 145 bed acute level of care. There the patient receives compassionate state-of-the-art treatment until he can be discharged, return to his original area, or until he dies. Often, our measure of success is not whether the patient leaves the acute area healthy, but if the patient dies comfortably.

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OFH

Yes, the mortality experience at Oak Forest Hospital is different than what one would observe at a short-term acute hospital. As Oak Forest Hospital has explained to HCFA over and over again, death is often the expected outcome for many of our chronic disease patients because these patients experience the final stages of illness upon their admission to Oak Forest Hospital.

At Oak Forest Hospital, mortality is an insensitive measure of quality.

Your agency has made significant changes in the Medicare hospital mortality study methodology, however, HCFA continues to fail to understand that its statistical models only identify differences in mortality among hospital populations. The information does not in itself say why a hospital is different, only that there is a difference between what is observed and what is expected given the limited ability of HCFA's model to adjust for patient mix.

It has become increasingly well recognized over the years that the HCFA Medicare mortality data are not meaningful as a guide to hospital performance and are of limited utility to the average consumer. The data presented to hospitals this year was obviously hard to produce and harder to understand.

Only peer review of actual care provided can indicate whether there is a problem with the process of care.

Throughout the last decade, Oak Forest Hospital submitted to reaccreditation surveys by the Joint Commission on Accreditation of Healthcare Organizations and the Commission on Accreditation of Rehabilitation Facilities. The federal and state governments conducted numerous surveys and studies which documented Oak Forest Hospital's ongoing commitment to quality medical services. Our health care professionals devoted literally thousands of hours to these surveys and moved ahead to rectify any problems which may have been noted.

One primary objective of the Oak Forest Hospital Quality Assurance Program is to maintain and improve the delivery of health care through the identification of problems or opportunities for improvement. All services, departments, and committees whose activities or functions impact on patient care actively participate in quality assurance activities.

We request that your agency take the time to review and respond to the concerns addressed in this letter.

The Medicare mortality information only shows the public that Oak Forest Hospital is very different from acute short-term hospitals. Thank you for the opportunity to respond to the Medicare mortality information and share with the public the valuable health care services provided by long-term hospitals.

Sincerely,

Edmund G. Lawler
Director

cc: Mr. Earl Bird, Metropolitan Chicago Healthcare Council
Mr. Kenneth Robbins, Illinois Hospital Association

SEAL OF COOK COUNTY ILLINOIS

OAK PARK HOSPITAL

520 S Maple Ave
Oak Park, IL 60304

Medicare Provider Number: 140063

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,713	9.3	9.4	0.7	15.2	14.4	1.1	18.6	18.4	1.5
CONDITIONS:										
Acute Myocardial Infarction	45	33.3	27.3	*	37.8	30.7	*	42.2	34.2	*
Congestive Heart Failure	117	21.4	13.4	4.1	35.0	20.9	6.1	37.6	27.3	5.7
Pneumonia/Influenza	69	7.2	15.5	7.2	11.6	20.9	8.4	14.5	25.2	8.2
Chronic Obstructive Pulmonary Disease	27	3.7	6.4	*	3.7	12.3	*	11.1	17.6	*
Transient Cerebral Ischemia	56	0.0	1.8	2.7	5.4	3.9	2.9	7.1	6.3	3.8
Stroke	71	18.3	20.9	5.5	28.2	27.7	5.6	35.2	32.1	7.3
Hip Fracture	34	5.9	7.5	*	11.8	13.5	*	14.7	17.4	*
Sepsis	18	16.7	31.2	*	38.9	41.5	*	44.4	48.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	1	0.0	5.5	*	0.0	6.9	*	0.0	7.7	*
Initial Pacemaker Insertion	15	0.0	5.3	*	6.7	9.7	*	6.7	13.2	*
Carotid Endarterectomy	5	0.0	1.9	*	0.0	3.6	*	0.0	5.2	*
Hip Replacement/Reconstruction	14	0.0	3.8	*	0.0	6.8	*	0.0	8.9	*
Open Reduction of Hip Fracture	17	5.9	6.0	*	17.6	11.6	*	17.6	15.6	*
Prostatectomy	66	0.0	1.6	1.8	1.5	3.8	2.6	1.5	6.3	4.0
Cholecystectomy	29	0.0	3.1	*	3.4	5.2	*	3.4	6.6	*
Hysterectomy	14	0.0	0.4	*	0.0	0.9	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	215
Occupancy Rate	52
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	250
Percent of Physicians Board Certified Specialists	76
Medical Residents/Interns	0
Registered Nurses	128
Licensed Practical Nurses	20

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

OAK PARK HOSPITAL

Medicare Provider Number: 140063

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,968	10.4	10.0	0.8	15.8	15.4	0.9	19.9	19.5	1.0
CONDITIONS:										
Acute Myocardial Infarction	41	17.1	25.8	*	22.0	28.9	*	31.7	32.2	*
Congestive Heart Failure	168	23.8	17.1	4.8	32.1	26.1	4.8	36.3	33.3	4.3
Pneumonia/Influenza	70	12.9	18.1	6.8	24.3	24.4	5.1	30.0	29.1	6.3
Chronic Obstructive Pulmonary Disease	18	5.6	11.5	*	11.1	18.1	*	11.1	23.0	*
Transient Cerebral Ischemia	51	2.0	1.7	*	3.9	3.6	*	5.9	5.7	*
Stroke	64	20.3	22.7	5.7	29.7	30.6	6.1	35.9	35.5	6.0
Hip Fracture	44	6.8	7.4	*	11.4	13.2	*	25.0	16.7	*
Sepsis	35	20.0	25.1	*	34.3	33.1	*	42.9	38.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	18	5.6	7.1	*	11.1	11.1	*	11.1	14.6	*
Carotid Endarterectomy	7	0.0	1.7	*	14.3	3.3	*	14.3	4.8	*
Hip Replacement/Reconstruction	36	11.1	4.3	*	11.1	7.9	*	22.2	10.5	*
Open Reduction of Hip Fracture	19	5.3	7.8	*	10.5	14.6	*	26.3	18.9	*
Prostatectomy	75	0.0	1.5	2.0	1.3	3.7	3.6	4.0	6.0	4.8
Cholecystectomy	24	8.3	4.2	*	12.5	7.4	*	12.5	9.6	*
Hysterectomy	9	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,089	10.7	10.2	0.9	16.7	15.6	1.2	21.4	19.7	1.9
CONDITIONS:										
Acute Myocardial Infarction	47	27.7	29.9	*	36.2	33.7	*	40.4	37.2	*
Congestive Heart Failure	155	18.7	17.1	3.3	27.1	25.6	4.8	37.4	32.4	6.9
Pneumonia/Influenza	88	12.5	16.3	6.2	18.2	21.9	8.3	21.6	26.5	8.4
Chronic Obstructive Pulmonary Disease	17	5.9	7.8	*	5.9	13.6	*	5.9	18.5	*
Transient Cerebral Ischemia	67	3.0	2.2	3.4	10.4	4.9	6.0	11.9	7.7	5.9
Stroke	80	20.0	23.4	6.8	28.7	30.2	5.6	35.0	34.5	5.3
Hip Fracture	55	5.5	6.9	3.8	12.7	12.0	4.4	21.8	15.5	6.4
Sepsis	22	40.9	28.2	*	54.5	37.9	*	68.2	44.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	20	5.0	3.0	*	10.0	6.0	*	15.0	8.6	*
Carotid Endarterectomy	8	0.0	1.7	*	0.0	3.0	*	12.5	4.1	*
Hip Replacement/Reconstruction	33	6.1	4.3	*	15.2	7.8	*	18.2	10.2	*
Open Reduction of Hip Fracture	24	4.2	6.3	*	8.3	11.6	*	16.7	14.9	*
Prostatectomy	73	2.7	1.1	1.9	2.7	2.7	2.5	5.5	4.6	2.6
Cholecystectomy	30	3.3	2.7	*	10.0	4.5	*	10.0	5.7	*
Hysterectomy	16	0.0	1.2	*	6.3	2.3	*	6.3	3.1	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

OUR LADY OF THE RESURRECTION MED CENTER

5645 W Addison
Chicago, IL 60634

Medicare Provider Number: 140251

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,624	12.6	11.3	0.8	18.3	16.4	1.1	22.3	20.5	1.2
CONDITIONS:										
Acute Myocardial Infarction	104	30.8	28.7	6.3	36.5	31.6	6.7	40.4	34.8	6.4
Congestive Heart Failure	206	20.4	15.9	3.7	26.2	24.1	3.4	31.6	30.9	3.5
Pneumonia/Influenza	117	16.2	17.7	6.1	23.1	23.9	4.1	28.2	28.6	4.2
Chronic Obstructive Pulmonary Disease	24	12.5	10.4	*	16.7	16.5	*	20.8	21.6	*
Transient Cerebral Ischemia	49	2.0	2.0	*	4.1	4.4	*	12.2	7.0	*
Stroke	143	25.2	24.7	4.0	32.9	31.0	4.2	37.8	35.4	4.8
Hip Fracture	75	8.0	7.7	5.7	17.3	13.4	6.0	18.7	17.0	4.7
Sepsis	25	32.0	29.5	*	36.0	39.8	*	48.0	46.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	15.4	6.3	*	23.1	12.3	*	30.8	17.5	*
Carotid Endarterectomy	12	8.3	1.5	*	16.7	2.7	*	16.7	4.0	*
Hip Replacement/Reconstruction	23	4.3	4.6	*	13.0	8.4	*	13.0	10.9	*
Open Reduction of Hip Fracture	49	8.2	7.4	*	16.3	13.4	*	18.4	17.2	*
Prostatectomy	95	0.0	1.2	1.5	2.1	3.0	2.5	3.2	5.0	3.5
Cholecystectomy	48	4.2	3.9	*	6.3	6.2	*	6.3	7.4	*
Hysterectomy	10	0.0	2.5	*	10.0	4.7	*	10.0	6.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	288
Occupancy Rate	58
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	279
Percent of Physicians Board Certified Specialists	59
Medical Residents/Interns	0
Registered Nurses	170
Licensed Practical Nurses	24

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

** Not used in calculating hospital mortality rates.

OUR LADY OF THE RESURRECTION MED CENTER

Medicare Provider Number: 140251

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,658	12.0	11.3	0.8	17.7	16.2	1.0	21.6	20.0	1.1
CONDITIONS:										
Acute Myocardial Infarction	105	30.5	29.7	4.7	41.9	33.0	6.8	42.9	36.6	5.7
Congestive Heart Failure	184	14.1	16.3	2.9	25.0	24.2	3.2	34.8	30.7	4.4
Pneumonia/Influenza	90	18.9	19.0	4.1	28.9	25.3	5.6	33.3	30.1	7.2
Chronic Obstructive Pulmonary Disease	30	3.3	10.8	*	6.7	17.7	*	13.3	22.9	*
Transient Cerebral Ischemia	44	0.0	1.7	*	0.0	3.6	*	0.0	5.6	*
Stroke	148	29.7	24.0	7.4	35.8	30.5	7.5	39.9	35.0	7.9
Hip Fracture	79	5.1	6.5	3.1	7.6	11.7	5.5	8.9	15.0	7.5
Sepsis	25	20.0	30.1	*	32.0	38.4	*	48.0	44.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	14	7.1	5.1	*	7.1	8.0	*	7.1	10.7	*
Carotid Endarterectomy	5	0.0	0.9	*	0.0	1.6	*	0.0	2.3	*
Hip Replacement/Reconstruction	34	2.9	4.1	*	2.9	8.2	*	2.9	11.0	*
Open Reduction of Hip Fracture	40	5.0	6.0	*	10.0	11.2	*	12.5	14.6	*
Prostatectomy	96	1.0	1.8	1.5	4.2	4.2	2.0	7.3	6.6	2.6
Cholecystectomy	58	6.9	4.4	3.5	8.6	7.6	4.5	12.1	9.7	5.8
Hysterectomy	16	0.0	1.6	*	0.0	3.8	*	0.0	6.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,775	11.4	11.1	1.0	18.8	15.9	2.6	23.3	19.8	3.4
CONDITIONS:										
Acute Myocardial Infarction	132	41.7	30.8	5.1	48.5	34.6	5.8	52.3	38.2	5.7
Congestive Heart Failure	187	12.8	17.5	4.2	26.7	25.9	3.3	31.0	32.6	3.6
Pneumonia/Influenza	89	23.6	15.8	6.2	31.5	21.6	7.3	34.8	26.2	6.8
Chronic Obstructive Pulmonary Disease	43	9.3	15.6	*	18.6	24.3	*	25.6	30.7	*
Transient Cerebral Ischemia	76	2.6	2.1	2.0	5.3	4.4	3.8	13.2	6.8	4.9
Stroke	160	22.5	24.9	4.4	38.1	31.4	4.2	44.4	36.0	4.6
Hip Fracture	90	4.4	7.4	3.7	12.2	12.9	3.6	18.9	16.4	4.7
Sepsis	31	32.3	27.0	*	38.7	35.7	*	45.2	41.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	25	4.0	6.3	*	20.0	10.7	*	20.0	13.8	*
Carotid Endarterectomy	5	20.0	1.4	*	20.0	2.6	*	20.0	3.9	*
Hip Replacement/Reconstruction	27	3.7	5.1	*	3.7	9.2	*	11.1	12.0	*
Open Reduction of Hip Fracture	42	7.1	6.7	*	19.0	12.2	*	23.8	15.6	*
Prostatectomy	110	0.9	1.9	2.2	5.5	4.5	2.1	7.3	7.4	2.5
Cholecystectomy	64	7.8	4.8	3.7	9.4	7.9	3.7	10.9	9.9	4.0
Hysterectomy	7	0.0	1.3	*	0.0	2.6	*	0.0	3.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

PALOS COMMUNITY HOSPITAL

80th Ave at McCarthy Ave
Palos Heights, IL 60463

Medicare Provider Number: 140062

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,690	9.0	9.7	0.8	14.4	14.4	0.8	17.6	18.3	1.0
CONDITIONS:										
Acute Myocardial Infarction	63	23.8	27.5	7.6	27.0	31.0	7.1	30.2	34.3	7.7
Congestive Heart Failure	175	17.1	15.7	3.0	26.3	24.0	5.1	34.3	31.0	6.3
Pneumonia/Influenza	120	22.5	19.8	5.8	34.2	26.2	9.0	37.5	31.0	8.1
Chronic Obstructive Pulmonary Disease	37	5.4	8.4	*	5.4	13.6	*	13.5	18.1	*
Transient Cerebral Ischemia	53	3.8	2.0	3.0	5.7	4.3	4.8	7.5	6.7	5.7
Stroke	99	13.1	22.8	6.1	21.2	29.1	5.9	26.3	33.4	5.7
Hip Fracture	66	7.6	7.3	3.7	12.1	12.5	4.8	12.1	15.8	5.4
Sepsis	48	27.1	31.7	*	43.8	39.9	*	47.9	46.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	16	0.0	2.3	*	0.0	4.5	*	0.0	6.6	*
Carotid Endarterectomy	14	0.0	2.1	*	0.0	4.2	*	7.1	6.4	*
Hip Replacement/Reconstruction	46	4.3	3.8	*	8.7	6.9	*	8.7	8.9	*
Open Reduction of Hip Fracture	37	8.1	6.4	*	8.1	11.5	*	8.1	14.7	*
Prostatectomy	148	1.4	1.2	0.9	1.4	2.6	1.9	5.4	4.1	1.9
Cholecystectomy	56	0.0	3.1	3.3	3.6	5.0	4.0	3.6	6.2	4.0
Hysterectomy	17	5.9	2.1	*	11.8	4.4	*	11.8	6.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	361
Occupancy Rate	74
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	276
Percent of Physicians Board Certified Specialists	79
Medical Residents/Interns	0
Registered Nurses	454
Licensed Practical Nurses	28

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

PALOS COMMUNITY HOSPITAL

Medicare Provider Number: 140062

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,738	9.5	9.7	0.6	14.8	14.6	1.0	17.6	18.4	1.1
CONDITIONS:										
Acute Myocardial Infarction	82	31.7	31.0	6.2	35.4	35.0	5.8	40.2	38.8	5.6
Congestive Heart Failure	136	19.1	15.8	4.0	26.5	23.7	4.2	29.4	30.2	4.1
Pneumonia/Influenza	127	29.1	21.2	6.9	37.8	27.8	6.4	40.9	32.8	6.1
Chronic Obstructive Pulmonary Disease	33	9.1	12.9	*	12.1	20.4	*	21.2	26.4	*
Transient Cerebral Ischemia	46	2.2	2.3	*	2.2	4.9	*	2.2	7.7	*
Stroke	97	12.4	20.8	6.5	22.7	27.1	5.9	22.7	31.6	6.9
Hip Fracture	59	3.4	8.0	6.0	11.9	14.0	7.2	16.9	17.7	5.5
Sepsis	27	25.9	28.9	*	33.3	37.3	*	37.0	43.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	16	0.0	5.2	*	0.0	9.6	*	0.0	13.4	*
Carotid Endarterectomy	12	0.0	1.4	*	0.0	2.5	*	0.0	3.5	*
Hip Replacement/Reconstruction	39	7.7	2.7	*	12.8	4.6	*	15.4	6.0	*
Open Reduction of Hip Fracture	37	0.0	7.8	*	8.1	14.3	*	13.5	18.4	*
Prostatectomy	112	0.0	1.2	1.5	0.9	2.7	2.3	3.6	4.3	2.5
Cholecystectomy	45	4.4	3.6	*	4.4	6.0	*	6.7	7.4	*
Hysterectomy	28	0.0	1.4	*	3.6	2.8	*	3.6	4.0	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,433	10.0	10.0	1.4	14.3	14.7	1.3	17.6	18.5	1.1
CONDITIONS:										
Acute Myocardial Infarction	63	33.3	25.7	6.8	39.7	28.7	7.9	46.0	32.0	9.5
Congestive Heart Failure	135	18.5	18.8	3.5	27.4	27.9	4.0	34.8	35.2	4.1
Pneumonia/Influenza	91	17.6	18.0	4.1	27.5	23.9	5.5	30.8	28.8	5.4
Chronic Obstructive Pulmonary Disease	56	7.1	11.6	8.0	12.5	18.5	11.3	17.9	23.6	10.6
Transient Cerebral Ischemia	45	0.0	2.0	*	4.4	4.2	*	4.4	6.6	*
Stroke	95	20.0	22.2	5.3	26.3	28.6	6.7	29.5	33.1	8.0
Hip Fracture	60	5.0	9.1	5.1	6.7	15.6	8.0	10.0	19.6	8.9
Sepsis	30	43.3	35.3	*	46.7	43.5	*	50.0	49.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	6.7	3.5	*	20.0	6.3	*	20.0	9.1	*
Carotid Endarterectomy	8	0.0	1.6	*	0.0	2.8	*	0.0	3.9	*
Hip Replacement/Reconstruction	40	5.0	3.7	*	5.0	6.6	*	5.0	8.5	*
Open Reduction of Hip Fracture	35	2.9	9.1	*	2.9	16.3	*	5.7	20.6	*
Prostatectomy	125	0.0	1.0	1.6	0.8	2.4	3.3	6.4	3.9	3.7
Cholecystectomy	47	6.4	3.7	*	6.4	6.3	*	6.4	8.1	*
Hysterectomy	23	0.0	1.0	*	0.0	2.3	*	0.0	3.7	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

PANA COMMUNITY HOSPITAL

101 E Ninth Street
Pana, IL 62557

Medicare Provider Number: 140271

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	311	10.9	10.9	2.6	18.3	16.2	4.1	23.2	20.4	5.6
CONDITIONS:										
Acute Myocardial Infarction	13	23.1	35.6	*	30.8	39.4	*	30.8	43.5	*
Congestive Heart Failure	38	18.4	16.4	*	26.3	25.0	*	28.9	32.0	*
Pneumonia/Influenza	10	30.0	19.4	*	60.0	26.3	*	70.0	31.9	*
Chronic Obstructive Pulmonary Disease	9	0.0	11.7	*	0.0	17.9	*	11.1	22.5	*
Transient Cerebral Ischemia	7	0.0	2.2	*	0.0	4.7	*	0.0	7.5	*
Stroke	9	22.2	27.9	*	44.4	35.9	*	55.6	40.7	*
Hip Fracture	5	20.0	10.5	*	40.0	18.9	*	40.0	24.2	*
Sepsis	10	40.0	27.6	*	40.0	36.5	*	40.0	43.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	7	0.0	2.9	*	0.0	4.8	*	0.0	5.8	*
Hysterectomy	3	0.0	0.2	*	33.3	0.4	*	33.3	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	60
Occupancy Rate	23
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	25
Medical Residents/Interns	0
Registered Nurses	28
Licensed Practical Nurses	10

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PANA COMMUNITY HOSPITAL

Medicare Provider Number: 140271

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	345	12.8	12.6	2.6	18.8	18.7	2.5	24.1	23.1	2.4
CONDITIONS:										
Acute Myocardial Infarction	11	36.4	32.7	*	36.4	36.0	*	36.4	39.2	*
Congestive Heart Failure	19	31.6	18.3	*	52.6	27.0	*	57.9	34.1	*
Pneumonia/Influenza	15	20.0	20.4	*	26.7	26.6	*	33.3	31.3	*
Chronic Obstructive Pulmonary Disease	7	28.6	11.8	*	28.6	20.4	*	28.6	26.5	*
Transient Cerebral Ischemia	7	0.0	2.1	*	0.0	4.3	*	0.0	6.8	*
Stroke	8	25.0	29.3	*	25.0	36.7	*	25.0	41.8	*
Hip Fracture	7	14.3	9.4	*	14.3	16.8	*	57.1	21.2	*
Sepsis	11	18.2	30.8	*	18.2	40.8	*	36.4	47.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.5	*	0.0	1.2	*	0.0	1.8	*
Cholecystectomy	8	0.0	3.0	*	12.5	5.6	*	12.5	7.5	*
Hysterectomy	4	0.0	0.2	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	443	9.9	10.8	1.6	15.3	16.2	1.8	18.1	20.5	2.3
CONDITIONS:										
Acute Myocardial Infarction	17	35.3	28.1	*	35.3	31.9	*	35.3	35.7	*
Congestive Heart Failure	31	22.6	21.2	*	29.0	31.0	*	35.5	38.7	*
Pneumonia/Influenza	25	20.0	23.6	*	24.0	31.0	*	24.0	36.2	*
Chronic Obstructive Pulmonary Disease	13	7.7	4.6	*	7.7	8.6	*	7.7	12.6	*
Transient Cerebral Ischemia	17	0.0	2.2	*	0.0	5.1	*	0.0	8.3	*
Stroke	16	25.0	20.6	*	37.5	28.6	*	43.8	33.7	*
Hip Fracture	11	0.0	7.4	*	0.0	14.0	*	9.1	18.7	*
Sepsis	10	40.0	29.4	*	60.0	38.7	*	60.0	45.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	9.4	*	0.0	18.3	*	0.0	24.1	*
Prostatectomy	10	0.0	0.8	*	0.0	2.1	*	0.0	3.8	*
Cholecystectomy	4	0.0	5.4	*	0.0	12.1	*	25.0	18.0	*
Hysterectomy	2	0.0	0.1	*	0.0	0.1	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PARIS COMMUNITY HOSPITAL

East Court Street
Paris, IL 61944

Medicare Provider Number: 140031

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	532	10.2	9.1	1.8	13.3	13.6	1.7	17.9	17.3	2.1
CONDITIONS:										
Acute Myocardial Infarction	21	23.8	24.9	*	28.6	27.9	*	28.6	31.4	*
Congestive Heart Failure	38	13.2	14.2	*	23.7	22.2	*	26.3	28.9	*
Pneumonia/Influenza	33	33.3	19.3	*	36.4	26.0	*	42.4	31.4	*
Chronic Obstructive Pulmonary Disease	9	0.0	5.6	*	11.1	9.4	*	22.2	12.9	*
Transient Cerebral Ischemia	15	0.0	3.9	*	0.0	8.6	*	0.0	13.0	*
Stroke	19	10.5	20.8	*	15.8	28.5	*	31.6	33.4	*
Hip Fracture	13	0.0	6.0	*	0.0	11.1	*	15.4	14.7	*
Sepsis	5	60.0	38.8	*	60.0	44.4	*	60.0	50.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	3.6	*	0.0	7.1	*	0.0	9.7	*
Open Reduction of Hip Fracture	0									
Prostatectomy	27	11.1	1.7	*	11.1	4.3	*	18.5	7.3	*
Cholecystectomy	9	0.0	1.0	*	0.0	1.8	*	0.0	2.5	*
Hysterectomy	4	0.0	1.5	*	0.0	3.0	*	0.0	4.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	49
Occupancy Rate	45
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PARIS COMMUNITY HOSPITAL

Medicare Provider Number: 140031

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	604	11.6	10.3	1.5	15.7	15.3	1.6	18.9	19.3	1.6
CONDITIONS:										
Acute Myocardial Infarction	23	34.8	27.3	*	34.8	31.1	*	34.8	35.0	*
Congestive Heart Failure	50	32.0	19.4	*	38.0	29.8	*	42.0	37.7	*
Pneumonia/Influenza	33	15.2	18.1	*	24.2	24.3	*	33.3	29.3	*
Chronic Obstructive Pulmonary Disease	6	16.7	8.8	*	16.7	15.3	*	16.7	20.6	*
Transient Cerebral Ischemia	13	0.0	3.6	*	7.7	8.4	*	23.1	13.3	*
Stroke	29	17.2	21.7	*	20.7	27.9	*	20.7	32.6	*
Hip Fracture	17	0.0	6.0	*	5.9	11.3	*	5.9	15.0	*
Sepsis	14	14.3	29.6	*	14.3	37.1	*	14.3	43.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	4.6	*	11.1	9.5	*	11.1	13.0	*
Open Reduction of Hip Fracture	2	0.0	5.3	*	0.0	10.4	*	0.0	14.0	*
Prostatectomy	29	6.9	1.3	*	10.3	3.1	*	13.8	5.1	*
Cholecystectomy	13	0.0	1.3	*	0.0	2.5	*	0.0	3.3	*
Hysterectomy	2	50.0	4.9	*	50.0	10.1	*	50.0	15.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	608	11.2	9.8	1.9	16.0	14.8	1.7	20.7	18.8	2.3
CONDITIONS:										
Acute Myocardial Infarction	23	30.4	25.7	*	39.1	29.4	*	43.5	33.0	*
Congestive Heart Failure	57	17.5	17.1	5.1	26.3	25.7	5.8	33.3	32.7	6.6
Pneumonia/Influenza	30	30.0	20.4	*	46.7	26.9	*	53.3	32.1	*
Chronic Obstructive Pulmonary Disease	4	25.0	5.6	*	25.0	9.8	*	25.0	13.7	*
Transient Cerebral Ischemia	15	0.0	2.9	*	6.7	6.7	*	6.7	10.5	*
Stroke	20	30.0	21.1	*	40.0	27.8	*	50.0	32.6	*
Hip Fracture	30	13.3	6.5	*	16.7	12.4	*	16.7	16.7	*
Sepsis	10	20.0	30.7	*	20.0	40.1	*	20.0	46.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	13	7.7	4.7	*	7.7	9.6	*	7.7	13.4	*
Open Reduction of Hip Fracture	0									
Prostatectomy	19	5.3	0.8	*	5.3	1.9	*	10.5	3.1	*
Cholecystectomy	9	0.0	1.3	*	0.0	2.1	*	0.0	2.8	*
Hysterectomy	6	0.0	0.5	*	16.7	1.0	*	16.7	1.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

PARKSIDE LUTHERAN HOSPITAL

1700 Luther Lane
Park Ridge, IL 60068

Medicare Provider Number: 140299

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	95	3.2	0.4	2.9	3.2	0.9	2.4	3.2	1.6	1.9
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	88
Occupancy Rate	78
Ownership/Control	Private, Non-Profit
STAFFING: (As of September 30, 1989)	
Total Number of Physicians	72
Percent of Physicians Board Certified Specialists	88
Medical Residents/Interns	0
Registered Nurses	28
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PARKSIDE LUTHERAN HOSPITAL

Medicare Provider Number: 140299

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	93	1.1	0.5	0.9	1.1	1.0	1.0	2.2	1.6	1.4
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	43	0.0	0.4	*	0.0	0.9	*	0.0	1.4	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

PASSAVANT AREA HOSPITAL

1600 W Walnut St
Jacksonville, IL 62650

Medicare Provider Number: 140058

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,712	10.6	9.3	1.3	15.5	14.1	1.5	18.9	17.9	1.4
CONDITIONS:										
Acute Myocardial Infarction	39	41.0	28.1	*	46.2	31.3	*	46.2	34.6	*
Congestive Heart Failure	87	8.0	15.0	6.3	18.4	23.0	6.0	24.1	29.8	7.3
Pneumonia/Influenza	138	28.3	19.5	5.8	34.8	26.3	6.0	39.1	31.5	5.8
Chronic Obstructive Pulmonary Disease	45	4.4	7.0	*	11.1	13.4	*	20.0	19.0	*
Transient Cerebral Ischemia	40	5.0	2.1	*	10.0	4.8	*	12.5	7.7	*
Stroke	45	28.9	26.7	*	37.8	32.2	*	37.8	36.6	*
Hip Fracture	51	5.9	7.2	3.8	13.7	12.5	6.1	13.7	16.1	6.9
Sepsis	6	33.3	24.8	*	33.3	32.5	*	33.3	39.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	2.6	*	0.0	5.0	*	0.0	7.5	*
Carotid Endarterectomy	3	0.0	2.4	*	0.0	4.7	*	0.0	7.1	*
Hip Replacement/Reconstruction	30	10.0	5.3	*	10.0	9.0	*	10.0	11.7	*
Open Reduction of Hip Fracture	31	6.5	5.8	*	19.4	10.8	*	19.4	14.2	*
Prostatectomy	51	2.0	1.3	1.7	3.9	3.1	3.3	7.8	5.3	4.6
Cholecystectomy	33	3.0	4.5	*	6.1	8.0	*	12.1	10.1	*
Hysterectomy	10	0.0	1.6	*	0.0	3.6	*	0.0	5.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	168
Occupancy Rate	54
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	48
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	0
Registered Nurses	130
Licensed Practical Nurses	57

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

PASSAVANT AREA HOSPITAL

Medicare Provider Number: 140058

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,838	9.2	8.6	1.2	13.8	13.3	1.4	17.2	17.1	1.1
CONDITIONS:										
Acute Myocardial Infarction	42	31.0	29.8	*	35.7	33.3	*	35.7	37.1	*
Congestive Heart Failure	77	18.2	17.4	5.6	31.2	26.2	9.7	36.4	33.2	8.1
Pneumonia/Influenza	115	18.3	17.1	4.3	25.2	23.2	5.3	30.4	27.9	5.9
Chronic Obstructive Pulmonary Disease	34	5.9	6.5	*	17.6	12.5	*	20.6	17.9	*
Transient Cerebral Ischemia	42	0.0	2.4	*	0.0	5.5	*	2.4	8.8	*
Stroke	46	32.6	28.1	*	41.3	34.8	*	41.3	39.6	*
Hip Fracture	69	7.2	7.5	3.7	14.5	13.6	4.3	17.4	17.6	4.6
Sepsis	12	16.7	26.9	*	25.0	36.3	*	33.3	42.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	2.3	*	0.0	4.3	*	0.0	6.3	*
Carotid Endarterectomy	1	0.0	0.7	*	0.0	1.2	*	0.0	1.7	*
Hip Replacement/Reconstruction	40	7.5	5.3	*	12.5	9.9	*	17.5	12.9	*
Open Reduction of Hip Fracture	39	5.1	6.4	*	10.3	12.3	*	10.3	16.3	*
Prostatectomy	46	2.2	1.8	*	4.3	4.4	*	8.7	7.2	*
Cholecystectomy	30	3.3	1.8	*	3.3	3.1	*	3.3	4.2	*
Hysterectomy	9	0.0	0.7	*	0.0	1.5	*	0.0	2.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,837	8.9	8.0	3.2	13.8	12.5	4.1	17.5	16.3	3.2
CONDITIONS:										
Acute Myocardial Infarction	43	37.2	31.6	*	48.8	35.6	*	51.2	39.5	*
Congestive Heart Failure	106	20.8	17.2	4.7	24.5	25.7	4.8	32.1	32.7	4.6
Pneumonia/Influenza	97	9.3	14.9	5.6	13.4	20.2	7.1	17.5	24.7	7.3
Chronic Obstructive Pulmonary Disease	26	3.8	6.8	*	11.5	12.2	*	19.2	17.1	*
Transient Cerebral Ischemia	31	9.7	2.1	*	16.1	4.6	*	19.4	7.4	*
Stroke	59	16.9	24.1	7.2	30.5	30.8	6.2	32.2	35.7	6.8
Hip Fracture	51	5.9	6.9	3.7	7.8	12.1	6.2	9.8	15.6	7.4
Sepsis	9	44.4	20.3	*	55.6	26.7	*	66.7	31.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	2.7	*	0.0	5.7	*	0.0	8.4	*
Carotid Endarterectomy	3	0.0	1.3	*	0.0	2.3	*	0.0	3.3	*
Hip Replacement/Reconstruction	29	6.9	5.2	*	10.3	9.2	*	10.3	11.9	*
Open Reduction of Hip Fracture	30	3.3	5.7	*	6.7	11.0	*	10.0	14.7	*
Prostatectomy	56	1.8	1.7	2.1	3.6	4.3	4.0	5.4	7.2	6.2
Cholecystectomy	40	0.0	2.9	*	0.0	5.3	*	7.5	7.2	*
Hysterectomy	17	0.0	1.1	*	0.0	2.3	*	0.0	3.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PEARCE HOSPITAL FOUNDATION INC

1901 Organ Street
Eldorado, IL 62930

Medicare Provider Number: 140247

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	140	9.3	10.0	2.7	16.4	15.6	3.5	17.9	19.7	3.6
CONDITIONS:										
Acute Myocardial Infarction	1	100.0	33.0	*	100.0	36.2	*	100.0	40.2	*
Congestive Heart Failure	16	12.5	15.4	*	31.3	23.8	*	31.3	30.7	*
Pneumonia/Influenza	6	16.7	20.5	*	50.0	28.9	*	50.0	34.6	*
Chronic Obstructive Pulmonary Disease	6	0.0	9.5	*	16.7	21.4	*	16.7	31.2	*
Transient Cerebral Ischemia	5	0.0	2.9	*	0.0	6.7	*	0.0	10.9	*
Stroke	4	25.0	21.1	*	25.0	28.2	*	25.0	33.0	*
Hip Fracture	3	0.0	4.4	*	0.0	7.6	*	0.0	9.8	*
Sepsis	4	25.0	33.3	*	50.0	44.8	*	50.0	50.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	4.1	*	0.0	7.4	*	0.0	9.6	*
Open Reduction of Hip Fracture	1	0.0	2.1	*	0.0	4.4	*	0.0	6.3	*
Prostatectomy	1	0.0	2.8	*	0.0	7.6	*	0.0	13.0	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1987

Total Beds	56
Ownership/Control	Private, Non-Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	18
Licensed Practical Nurses	17

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	No
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

PEARCE HOSPITAL FOUNDATION INC

Medicare Provider Number: 140247

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	327	11.3	9.7	2.0	15.3	15.4	2.0	18.3	19.9	2.5
CONDITIONS:										
Acute Myocardial Infarction	5	60.0	34.0	*	60.0	37.0	*	60.0	40.6	*
Congestive Heart Failure	28	25.0	21.4	*	32.1	32.3	*	42.9	39.8	*
Pneumonia/Influenza	19	15.8	15.0	*	21.1	19.9	*	21.1	23.7	*
Chronic Obstructive Pulmonary Disease	7	0.0	6.5	*	0.0	12.2	*	0.0	17.0	*
Transient Cerebral Ischemia	15	6.7	2.9	*	13.3	6.6	*	13.3	10.6	*
Stroke	11	9.1	17.9	*	27.3	24.7	*	27.3	29.3	*
Hip Fracture	4	25.0	5.8	*	25.0	10.9	*	25.0	14.3	*
Sepsis	5	40.0	29.9	*	60.0	39.9	*	60.0	46.4	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	5.8	*	0.0	11.4	*	0.0	15.1	*
Open Reduction of Hip Fracture	2	50.0	4.7	*	50.0	9.1	*	50.0	12.3	*
Prostatectomy	3	0.0	1.3	*	0.0	3.4	*	0.0	5.9	*
Cholecystectomy	5	0.0	3.0	*	0.0	6.2	*	0.0	8.9	*
Hysterectomy	1	0.0	5.5	*	0.0	12.4	*	0.0	19.0	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	338	7.7	9.4	2.7	13.0	14.9	2.5	16.6	19.3	3.1
CONDITIONS:										
Acute Myocardial Infarction	3	66.7	44.8	*	66.7	51.5	*	66.7	56.2	*
Congestive Heart Failure	27	11.1	18.3	*	25.9	27.6	*	25.9	35.0	*
Pneumonia/Influenza	13	15.4	17.9	*	23.1	24.2	*	23.1	28.9	*
Chronic Obstructive Pulmonary Disease	10	10.0	5.9	*	10.0	12.4	*	10.0	18.2	*
Transient Cerebral Ischemia	19	10.5	2.7	*	15.8	6.1	*	15.8	9.9	*
Stroke	11	9.1	18.9	*	9.1	26.3	*	9.1	31.1	*
Hip Fracture	4	0.0	10.0	*	0.0	18.1	*	25.0	23.0	*
Sepsis	5	0.0	38.7	*	20.0	48.4	*	20.0	55.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.0	*	0.0	4.5	*	0.0	7.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	0.8	*	0.0	1.9	*	0.0	3.1	*
Open Reduction of Hip Fracture	1	0.0	7.8	*	0.0	15.7	*	0.0	21.0	*
Prostatectomy	2	0.0	7.1	*	0.0	18.0	*	0.0	29.4	*
Cholecystectomy	4	0.0	1.8	*	0.0	3.0	*	0.0	3.8	*
Hysterectomy	3	0.0	2.2	*	0.0	4.2	*	0.0	5.8	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

PEKIN MEMORIAL HOSPITAL

Court and 14th Street
Pekin, IL 61554

Medicare Provider Number: 140120

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,117	9.8	9.2	2.4	14.4	13.7	2.9	18.5	17.2	2.9
CONDITIONS:										
Acute Myocardial Infarction	30	23.3	29.6	*	33.3	32.9	*	33.3	36.6	*
Congestive Heart Failure	61	11.5	14.4	5.8	19.7	21.8	7.9	23.0	28.1	10.9
Pneumonia/Influenza	56	21.4	16.4	6.8	28.6	22.7	8.5	33.9	27.6	12.2
Chronic Obstructive Pulmonary Disease	18	5.6	4.6	*	5.6	8.0	*	11.1	11.2	*
Transient Cerebral Ischemia	25	12.0	1.7	*	12.0	3.9	*	12.0	6.2	*
Stroke	44	20.5	18.3	*	22.7	24.1	*	29.5	28.4	*
Hip Fracture	42	7.1	6.7	*	11.9	12.0	*	19.0	15.5	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	3.3	*	0.0	6.2	*	33.3	8.9	*
Carotid Endarterectomy	10	0.0	1.3	*	10.0	2.4	*	10.0	3.7	*
Hip Replacement/Reconstruction	27	7.4	4.7	*	11.1	8.9	*	18.5	11.7	*
Open Reduction of Hip Fracture	18	0.0	7.0	*	5.6	12.9	*	11.1	16.8	*
Prostatectomy	26	0.0	1.2	*	3.8	2.5	*	7.7	3.9	*
Cholecystectomy	29	0.0	3.0	*	10.3	4.7	*	10.3	6.0	*
Hysterectomy	13	0.0	1.2	*	0.0	2.7	*	7.7	4.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	202
Occupancy Rate	36
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	52
Percent of Physicians Board Certified Specialists	77
Medical Residents/Interns	0
Registered Nurses	94
Licensed Practical Nurses	18

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

PEKIN MEMORIAL HOSPITAL

Medicare Provider Number: 140120

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,310	11.3	9.7	1.0	15.4	14.2	1.1	18.5	17.7	1.1
CONDITIONS:										
Acute Myocardial Infarction	48	27.1	32.6	*	29.2	36.3	*	29.2	40.3	*
Congestive Heart Failure	67	16.4	15.6	4.9	20.9	23.2	5.5	25.4	29.7	7.2
Pneumonia/Influenza	81	21.0	16.3	7.0	24.7	21.9	6.8	30.9	26.3	7.9
Chronic Obstructive Pulmonary Disease	16	6.3	10.2	*	25.0	17.6	*	25.0	23.9	*
Transient Cerebral Ischemia	26	0.0	1.5	*	0.0	3.3	*	0.0	5.2	*
Stroke	71	31.0	20.5	7.9	35.2	27.0	7.5	38.0	31.9	6.7
Hip Fracture	45	6.7	5.3	*	15.6	10.1	*	15.6	13.3	*
Sepsis	11	18.2	25.4	*	27.3	33.6	*	27.3	39.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.9	*	0.0	3.6	*	0.0	5.2	*
Carotid Endarterectomy	19	0.0	1.3	*	0.0	2.4	*	0.0	3.5	*
Hip Replacement/Reconstruction	32	0.0	3.4	*	3.1	6.7	*	3.1	9.1	*
Open Reduction of Hip Fracture	18	11.1	5.6	*	27.8	11.1	*	27.8	14.8	*
Prostatectomy	28	3.6	1.3	*	7.1	2.1	*	7.1	3.2	*
Cholecystectomy	29	3.4	2.8	*	10.3	5.1	*	10.3	6.7	*
Hysterectomy	7	0.0	0.2	*	14.3	0.4	*	14.3	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,315	10.9	9.3	3.8	15.4	13.9	3.7	19.2	17.6	3.9
CONDITIONS:										
Acute Myocardial Infarction	32	37.5	30.8	*	40.6	34.0	*	43.8	37.6	*
Congestive Heart Failure	67	19.4	18.6	4.8	26.9	26.8	5.5	31.3	33.7	6.6
Pneumonia/Influenza	61	31.1	17.7	7.3	34.4	24.2	7.5	41.0	29.4	7.4
Chronic Obstructive Pulmonary Disease	21	19.0	9.7	*	28.6	16.3	*	38.1	21.7	*
Transient Cerebral Ischemia	31	0.0	1.9	*	0.0	4.3	*	6.5	7.0	*
Stroke	52	21.2	22.8	6.1	28.8	29.6	6.4	30.8	34.5	8.0
Hip Fracture	44	6.8	5.4	*	13.6	10.2	*	15.9	13.6	*
Sepsis	9	33.3	25.5	*	55.6	32.6	*	55.6	39.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	20	0.0	1.3	*	0.0	2.4	*	0.0	3.5	*
Hip Replacement/Reconstruction	23	4.3	4.1	*	8.7	8.1	*	8.7	11.0	*
Open Reduction of Hip Fracture	22	9.1	5.2	*	18.2	10.2	*	22.7	13.8	*
Prostatectomy	21	0.0	0.5	*	0.0	1.3	*	0.0	2.2	*
Cholecystectomy	27	0.0	3.0	*	0.0	5.1	*	0.0	6.6	*
Hysterectomy	7	0.0	0.2	*	0.0	0.5	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

PERRY MEMORIAL HOSPITAL

530 Park Avenue E
Princeton, IL 61356

Medicare Provider Number: 140027

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	733	9.1	8.7	2.3	13.0	13.4	3.0	15.8	17.1	2.6
CONDITIONS:										
Acute Myocardial Infarction	38	13.2	28.3	*	15.8	31.6	*	15.8	35.5	*
Congestive Heart Failure	54	16.7	14.9	6.4	29.6	22.9	11.0	38.9	29.5	10.5
Pneumonia/Influenza	38	13.2	16.5	*	21.1	22.9	*	26.3	27.8	*
Chronic Obstructive Pulmonary Disease	7	28.6	6.9	*	28.6	12.2	*	28.6	17.1	*
Transient Cerebral Ischemia	12	0.0	2.1	*	0.0	4.8	*	0.0	7.8	*
Stroke	24	25.0	18.4	*	25.0	25.7	*	29.2	30.4	*
Hip Fracture	22	4.5	6.2	*	9.1	11.2	*	9.1	14.8	*
Sepsis	2	100.0	36.4	*	100.0	46.2	*	100.0	55.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	6	0.0	1.4	*	0.0	2.6	*	0.0	3.9	*
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	22	4.5	5.4	*	9.1	10.3	*	9.1	13.8	*
Prostatectomy	21	0.0	1.0	*	0.0	2.6	*	4.8	4.5	*
Cholecystectomy	17	0.0	3.8	*	0.0	6.8	*	0.0	8.5	*
Hysterectomy	7	0.0	1.5	*	0.0	3.2	*	0.0	4.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	97
Occupancy Rate	46
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	20
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	0
Registered Nurses	74
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PERRY MEMORIAL HOSPITAL

Medicare Provider Number: 140027

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	790	12.0	9.5	1.6	17.6	14.4	1.9	20.6	18.2	2.0
CONDITIONS:										
Acute Myocardial Infarction	32	34.4	30.1	*	40.6	34.3	*	40.6	38.5	*
Congestive Heart Failure	45	22.2	17.5	*	33.3	26.6	*	44.4	34.1	*
Pneumonia/Influenza	26	30.8	20.2	*	38.5	27.3	*	57.7	32.5	*
Chronic Obstructive Pulmonary Disease	10	20.0	10.3	*	20.0	19.9	*	20.0	27.1	*
Transient Cerebral Ischemia	20	5.0	2.0	*	10.0	4.3	*	10.0	6.7	*
Stroke	33	42.4	22.8	*	57.6	29.5	*	60.6	34.2	*
Hip Fracture	21	0.0	6.0	*	9.5	11.2	*	14.3	14.7	*
Sepsis	12	25.0	21.4	*	41.7	28.8	*	41.7	34.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	4	0.0	1.4	*	0.0	2.4	*	0.0	3.5	*
Hip Replacement/Reconstruction	2	0.0	5.5	*	50.0	11.0	*	50.0	14.7	*
Open Reduction of Hip Fracture	19	0.0	5.2	*	5.3	10.1	*	10.5	13.6	*
Prostatectomy	33	0.0	1.1	*	6.1	2.6	*	6.1	4.4	*
Cholecystectomy	18	5.6	4.7	*	11.1	9.1	*	16.7	12.2	*
Hysterectomy	9	11.1	2.4	*	11.1	4.8	*	11.1	7.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	846	11.1	8.7	2.2	15.4	13.6	2.1	19.4	17.5	3.3
CONDITIONS:										
Acute Myocardial Infarction	28	25.0	31.6	*	32.1	35.6	*	32.1	39.9	*
Congestive Heart Failure	50	22.0	15.8	*	30.0	23.8	*	36.0	30.7	*
Pneumonia/Influenza	33	18.2	15.6	*	24.2	21.9	*	24.2	27.0	*
Chronic Obstructive Pulmonary Disease	8	37.5	8.6	*	37.5	14.8	*	37.5	20.1	*
Transient Cerebral Ischemia	24	0.0	1.6	*	0.0	3.5	*	0.0	5.4	*
Stroke	34	38.2	18.6	*	41.2	24.6	*	44.1	29.1	*
Hip Fracture	31	6.5	6.0	*	6.5	10.7	*	6.5	14.1	*
Sepsis	3	33.3	26.6	*	33.3	31.7	*	33.3	37.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	1	0.0	0.8	*	0.0	1.3	*	0.0	1.8	*
Hip Replacement/Reconstruction	1	0.0	4.8	*	0.0	10.4	*	0.0	17.3	*
Open Reduction of Hip Fracture	27	7.4	5.1	*	7.4	9.5	*	7.4	12.6	*
Prostatectomy	35	0.0	0.9	*	2.9	2.2	*	2.9	3.5	*
Cholecystectomy	23	0.0	1.6	*	4.3	3.1	*	4.3	4.4	*
Hysterectomy	6	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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Perry Memorial Hospital

530 Park Avenue East • Princeton, Illinois 61356 • 815/875-2811

#140027

MEDICARE HOSPITAL MORTALITY RATES

FISCAL YEAR 1989

CATAGORY	OBS	PRED	SD	DAYS	PREDICTION INTERVAL *
ALL CAUSES:	9.1	8.7	2.3	30	4.1 - 13.3 (9.1)
	13.0	13.4	3.0	90	7.4 - 19.4 (13.0)
	15.8	17.1	2.6	180	11.9 - 22.3 (15.8)
CONGESTIVE	16.7	14.9	6.4	30	2.1 - 27.7 (16.7)
HEART FAILURE	29.6	22.9	11.0	90	0.9 - 44.9 (29.6)
	38.9	29.5	10.5	180	8.5 - 50.5 (38.9)

FISCAL YEAR 1988

CATAGORY:	OBS	PRED	SD	DAYS	PREDICTION INTERVAL *
ALL CAUSES:	12.0	9.5	1.6	30	6.3 - 12.7 (12.0)
	17.6	14.4	1.9	90	10.6 - 18.2 (17.6)
	20.6	18.2	2.0	180	14.2 - 22.2 (20.6)

FISCAL YEAR 1987

CATAGORY:	OBS	PRED	SD	DAYS	PREDICTION INTERVAL *
ALL CAUSES:	11.1	8.7	2.2	30	4.3 - 13.1 (11.1)
	15.4	13.6	2.1	90	9.4 - 17.8 (15.4)
	19.4	17.5	3.3	180	10.9 - 24.1 (19.4)

* _HCFA Formula:_ _"Prediction Interval"_
SD X 2 = N N + PRED/N - PRED = PRED Interval

COMMENTS:

1) Prediction interval represents the mortality range established using the HCFA formula.

2) Figures in parenthesis under prediction interval represent Perry Memorial Hospital's observed (OBS) mortality rate as provided by HCFA.

3) In all instances, Perry Memorial Hospital's observed (OBS) mortality rate is within the prediction interval noted.

A:HCFANUMB

PINCKNEYVILLE COMMUNITY HOSPITAL

101 North Walnut Street
Pinckneyville, IL 62274

Medicare Provider Number: 140055

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	259	9.3	9.0	1.8	10.8	14.0	2.9	17.8	18.0	4.3
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	31.0	*	33.3	33.8	*	33.3	37.4	*
Congestive Heart Failure	21	33.3	17.9	*	33.3	27.7	*	47.6	35.7	*
Pneumonia/Influenza	18	22.2	18.6	*	27.8	25.4	*	27.8	30.6	*
Chronic Obstructive Pulmonary Disease	10	0.0	4.4	*	0.0	8.0	*	10.0	11.4	*
Transient Cerebral Ischemia	4	0.0	2.0	*	0.0	4.2	*	25.0	6.6	*
Stroke	12	41.7	18.5	*	41.7	25.6	*	50.0	30.2	*
Hip Fracture	0									
Sepsis	5	20.0	38.2	*	20.0	48.9	*	40.0	55.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	7	0.0	1.0	*	0.0	2.3	*	0.0	3.9	*
Cholecystectomy	1	0.0	1.4	*	0.0	2.8	*	0.0	3.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	92
Occupancy Rate	57
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	21
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PINCKNEYVILLE COMMUNITY HOSPITAL

Medicare Provider Number: 140055

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	339	10.9	9.4	2.2	16.5	14.3	2.9	19.8	18.2	2.7
CONDITIONS:										
Acute Myocardial Infarction	15	33.3	28.8	*	40.0	32.7	*	40.0	36.2	*
Congestive Heart Failure	22	13.6	14.5	*	22.7	21.9	*	31.8	28.2	*
Pneumonia/Influenza	19	15.8	17.9	*	26.3	23.6	*	31.6	28.1	*
Chronic Obstructive Pulmonary Disease	9	0.0	3.6	*	0.0	7.1	*	0.0	10.3	*
Transient Cerebral Ischemia	4	0.0	1.5	*	25.0	3.3	*	25.0	5.1	*
Stroke	8	25.0	20.3	*	37.5	26.9	*	37.5	31.6	*
Hip Fracture	1	0.0	11.3	*	0.0	18.6	*	0.0	22.4	*
Sepsis	4	0.0	19.4	*	25.0	28.9	*	25.0	36.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	9	11.1	1.4	*	11.1	3.4	*	11.1	5.7	*
Cholecystectomy	3	0.0	0.9	*	0.0	1.6	*	0.0	2.1	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	338	8.9	8.3	1.9	13.0	12.7	2.0	16.0	16.2	2.0
CONDITIONS:										
Acute Myocardial Infarction	13	46.2	28.9	*	46.2	32.7	*	46.2	36.2	*
Congestive Heart Failure	20	25.0	18.4	*	35.0	28.2	*	40.0	35.9	*
Pneumonia/Influenza	15	6.7	16.4	*	13.3	21.7	*	13.3	26.3	*
Chronic Obstructive Pulmonary Disease	7	0.0	3.9	*	14.3	7.6	*	28.6	11.1	*
Transient Cerebral Ischemia	7	0.0	3.3	*	0.0	7.7	*	0.0	12.6	*
Stroke	13	7.7	19.9	*	15.4	26.4	*	15.4	31.0	*
Hip Fracture	2	0.0	6.6	*	0.0	12.3	*	0.0	16.1	*
Sepsis	3	33.3	25.9	*	66.7	39.1	*	66.7	47.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	1.6	*	20.0	4.5	*	20.0	8.1	*
Cholecystectomy	4	0.0	1.4	*	0.0	2.4	*	0.0	3.3	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

PROCTOR COMMUNITY HOSPITAL

5409 N Knoxville Ave
Peoria, IL 61614

Medicare Provider Number: 140013

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,918	9.3	8.9	0.8	13.5	13.6	0.8	17.1	17.4	0.9
CONDITIONS:										
Acute Myocardial Infarction	72	36.1	31.1	8.5	38.9	34.7	7.3	40.3	38.5	6.2
Congestive Heart Failure	91	14.3	14.3	4.4	18.7	22.1	6.5	25.3	28.7	6.9
Pneumonia/Influenza	111	18.9	15.5	5.6	23.4	21.5	4.6	27.0	26.2	4.2
Chronic Obstructive Pulmonary Disease	37	2.7	5.4	*	13.5	10.2	*	16.2	14.6	*
Transient Cerebral Ischemia	19	5.3	2.1	*	5.3	4.8	*	5.3	7.7	*
Stroke	76	15.8	17.4	5.6	22.4	24.0	5.1	26.3	28.3	5.4
Hip Fracture	63	9.5	6.1	4.7	12.7	11.1	4.7	12.7	14.6	5.7
Sepsis	28	14.3	17.3	*	28.6	23.7	*	35.7	28.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	2.9	*	0.0	5.6	*	0.0	8.2	*
Carotid Endarterectomy	15	0.0	1.1	*	0.0	2.1	*	6.7	3.0	*
Hip Replacement/Reconstruction	41	9.8	2.7	*	12.2	5.3	*	12.2	7.4	*
Open Reduction of Hip Fracture	37	2.7	5.2	*	5.4	9.8	*	5.4	12.9	*
Prostatectomy	63	1.6	1.6	2.2	4.8	3.2	2.4	4.8	4.8	2.7
Cholecystectomy	46	2.2	2.5	*	2.2	4.4	*	2.2	5.7	*
Hysterectomy	19	0.0	0.6	*	5.3	1.5	*	5.3	2.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	232
Occupancy Rate	68
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	126
Percent of Physicians Board Certified Specialists	80
Medical Residents/Interns	0
Registered Nurses	188
Licensed Practical Nurses	26

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

PROCTOR COMMUNITY HOSPITAL

Medicare Provider Number: 140013

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,902	10.1	9.6	0.7	14.7	14.4	0.8	17.9	18.1	0.9
CONDITIONS:										
Acute Myocardial Infarction	64	34.4	29.4	6.4	42.2	32.9	6.4	45.3	36.5	6.8
Congestive Heart Failure	100	13.0	16.1	6.1	19.0	24.3	8.0	26.0	31.1	9.9
Pneumonia/Influenza	92	19.6	16.9	5.6	23.9	22.6	5.4	30.4	27.0	6.2
Chronic Obstructive Pulmonary Disease	23	4.3	6.9	*	17.4	13.6	*	17.4	19.3	*
Transient Cerebral Ischemia	22	0.0	2.2	*	4.5	4.8	*	4.5	7.6	*
Stroke	81	24.7	21.8	6.0	28.4	28.3	5.4	30.9	32.7	5.5
Hip Fracture	62	11.3	7.0	7.4	17.7	12.6	7.6	21.0	16.3	10.0
Sepsis	24	12.5	22.2	*	16.7	30.6	*	16.7	37.0	*
PROCEDURES:										
Angioplasty	3	33.3	13.0	*	33.3	14.6	*	33.3	16.3	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	15	6.7	1.5	*	6.7	2.8	*	6.7	4.2	*
Hip Replacement/Reconstruction	39	5.1	2.7	*	7.7	5.2	*	7.7	6.9	*
Open Reduction of Hip Fracture	36	8.3	6.2	*	13.9	11.6	*	16.7	15.2	*
Prostatectomy	50	2.0	0.9	*	4.0	2.3	*	4.0	3.9	*
Cholecystectomy	53	7.5	5.7	4.4	9.4	9.8	4.5	11.3	12.1	4.6
Hysterectomy	21	0.0	0.2	*	0.0	0.5	*	0.0	0.7	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,879	9.0	9.3	0.7	14.7	14.0	1.0	18.0	17.8	1.1
CONDITIONS:										
Acute Myocardial Infarction	63	39.7	32.1	7.8	47.6	35.8	8.0	49.2	39.4	7.7
Congestive Heart Failure	85	20.0	15.7	5.6	28.2	23.9	7.0	38.8	30.7	8.9
Pneumonia/Influenza	78	16.7	16.3	4.2	21.8	22.2	5.3	34.6	27.0	6.3
Chronic Obstructive Pulmonary Disease	21	0.0	7.6	*	9.5	13.5	*	19.0	18.6	*
Transient Cerebral Ischemia	33	0.0	2.4	*	12.1	5.3	*	15.2	8.4	*
Stroke	62	16.1	19.3	5.8	25.8	26.0	6.8	27.4	30.5	6.7
Hip Fracture	70	7.1	6.4	3.5	14.3	11.7	6.8	14.3	15.4	7.2
Sepsis	20	10.0	19.0	*	10.0	25.7	*	25.0	31.1	*
PROCEDURES:										
Angioplasty	3	33.3	7.9	*	33.3	9.2	*	33.3	10.6	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	14	0.0	3.7	*	7.1	6.8	*	7.1	9.5	*
Carotid Endarterectomy	5	0.0	1.7	*	0.0	3.3	*	0.0	4.8	*
Hip Replacement/Reconstruction	38	5.3	4.1	*	10.5	7.8	*	10.5	10.3	*
Open Reduction of Hip Fracture	34	8.8	5.8	*	14.7	11.0	*	14.7	14.7	*
Prostatectomy	72	1.4	1.0	1.2	2.8	2.3	2.3	5.6	3.8	3.3
Cholecystectomy	51	2.0	5.2	5.1	3.9	8.8	7.5	3.9	11.1	9.1
Hysterectomy	18	0.0	0.6	*	0.0	1.3	*	0.0	1.9	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

PUBLIC HOSPITAL OF THE TOWN OF SALEM

Bryan Memorial Park
Salem, IL 62881

Medicare Provider Number: 140165

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	508	8.1	10.1	2.3	12.6	15.5	2.9	16.1	19.3	3.2
CONDITIONS:										
Acute Myocardial Infarction	12	33.3	32.3	*	33.3	36.0	*	33.3	39.3	*
Congestive Heart Failure	28	7.1	20.1	*	17.9	29.8	*	28.6	37.1	*
Pneumonia/Influenza	30	23.3	23.7	*	30.0	31.3	*	40.0	36.8	*
Chronic Obstructive Pulmonary Disease	15	0.0	4.6	*	6.7	8.7	*	13.3	12.7	*
Transient Cerebral Ischemia	12	8.3	3.0	*	8.3	6.5	*	8.3	9.9	*
Stroke	14	14.3	19.8	*	21.4	26.4	*	21.4	30.7	*
Hip Fracture	7	0.0	7.9	*	0.0	14.0	*	14.3	17.8	*
Sepsis	10	30.0	29.6	*	50.0	43.0	*	50.0	50.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	5	0.0	8.3	*	0.0	15.5	*	0.0	19.9	*
Prostatectomy	3	0.0	0.7	*	0.0	1.8	*	0.0	3.1	*
Cholecystectomy	11	0.0	1.9	*	0.0	3.5	*	0.0	4.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	54
Occupancy Rate	43
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	38
Medical Residents/Interns	0
Registered Nurses	36
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PUBLIC HOSPITAL OF THE TOWN OF SALEM

Medicare Provider Number: 140165

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	524	10.1	11.0	1.7	15.5	16.6	2.7	19.3	20.9	3.0
CONDITIONS:										
Acute Myocardial Infarction	16	25.0	37.2	*	31.3	40.9	*	31.3	44.9	*
Congestive Heart Failure	35	28.6	22.1	*	34.3	32.9	*	37.1	40.9	*
Pneumonia/Influenza	31	12.9	20.6	*	22.6	27.3	*	25.8	32.5	*
Chronic Obstructive Pulmonary Disease	13	0.0	8.7	*	15.4	16.1	*	23.1	22.4	*
Transient Cerebral Ischemia	16	0.0	2.6	*	0.0	5.7	*	0.0	9.0	*
Stroke	19	21.1	22.6	*	31.6	29.9	*	47.4	34.7	*
Hip Fracture	10	10.0	6.4	*	10.0	11.8	*	20.0	15.2	*
Sepsis	5	0.0	15.0	*	0.0	21.7	*	0.0	26.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	2.5	*	0.0	4.8	*	0.0	6.4	*
Open Reduction of Hip Fracture	5	0.0	5.8	*	0.0	11.1	*	0.0	14.6	*
Prostatectomy	8	0.0	0.9	*	0.0	2.2	*	0.0	3.7	*
Cholecystectomy	9	11.1	3.6	*	11.1	7.4	*	11.1	10.1	*
Hysterectomy	1	0.0	1.8	*	0.0	4.2	*	0.0	6.3	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	465	5.8	9.1	8.0	9.7	13.9	9.2	14.8	17.7	7.6
CONDITIONS:										
Acute Myocardial Infarction	9	33.3	28.0	*	33.3	30.5	*	33.3	33.4	*
Congestive Heart Failure	33	6.1	18.0	*	15.2	26.8	*	27.3	34.0	*
Pneumonia/Influenza	32	12.5	19.0	*	15.6	24.9	*	15.6	29.6	*
Chronic Obstructive Pulmonary Disease	12	0.0	9.7	*	0.0	16.7	*	16.7	22.4	*
Transient Cerebral Ischemia	9	0.0	2.9	*	11.1	6.5	*	22.2	10.1	*
Stroke	19	15.8	23.6	*	31.6	30.8	*	47.4	35.5	*
Hip Fracture	11	0.0	8.5	*	0.0	15.3	*	18.2	19.5	*
Sepsis	5	0.0	15.9	*	0.0	23.2	*	20.0	29.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	10.5	*	0.0	19.6	*	50.0	25.2	*
Open Reduction of Hip Fracture	9	0.0	6.8	*	0.0	12.9	*	11.1	16.9	*
Prostatectomy	6	0.0	1.7	*	0.0	4.3	*	0.0	7.3	*
Cholecystectomy	8	0.0	1.3	*	0.0	2.1	*	0.0	2.7	*
Hysterectomy	0									

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

RAVENSWOOD HOSPITAL & MEDICAL CENTER

4550 N Winchester
Chicago, IL 60640

Medicare Provider Number: 140182

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,391	8.8	10.0	0.9	15.6	15.2	1.0	19.9	19.4	1.2
CONDITIONS:										
Acute Myocardial Infarction	47	19.1	23.4	*	21.3	26.4	*	23.4	29.7	*
Congestive Heart Failure	89	16.9	14.7	4.6	25.8	23.2	7.3	30.3	30.3	5.3
Pneumonia/Influenza	59	11.9	16.1	5.8	20.3	21.8	5.5	30.5	26.3	6.3
Chronic Obstructive Pulmonary Disease	10	0.0	13.2	*	10.0	21.0	*	30.0	27.0	*
Transient Cerebral Ischemia	27	3.7	1.7	*	3.7	3.6	*	7.4	5.6	*
Stroke	63	20.6	21.1	5.2	30.2	27.3	6.9	34.9	31.7	7.8
Hip Fracture	34	5.9	6.0	*	8.8	10.7	*	11.8	13.8	*
Sepsis	27	29.6	24.7	*	29.6	32.3	*	33.3	37.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	3.2	*	12.5	6.2	*	12.5	9.0	*
Carotid Endarterectomy	5	0.0	0.9	*	0.0	1.6	*	0.0	2.4	*
Hip Replacement/Reconstruction	16	0.0	3.6	*	0.0	6.3	*	0.0	8.1	*
Open Reduction of Hip Fracture	20	5.0	5.8	*	10.0	10.9	*	15.0	14.3	*
Prostatectomy	31	0.0	0.9	*	3.2	2.2	*	3.2	3.7	*
Cholecystectomy	17	5.9	3.8	*	5.9	6.0	*	5.9	7.2	*
Hysterectomy	8	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	316
Occupancy Rate	79
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	170
Percent of Physicians Board Certified Specialists	78
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

RAVENSWOOD HOSPITAL & MEDICAL CENTER

Medicare Provider Number: 140182

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,671	9.6	10.3	0.8	17.1	15.8	0.9	21.8	20.1	1.3
CONDITIONS:										
Acute Myocardial Infarction	49	36.7	25.5	*	42.9	28.8	*	46.9	32.3	*
Congestive Heart Failure	117	14.5	15.3	3.5	27.4	23.7	4.5	36.8	30.6	5.3
Pneumonia/Influenza	105	15.2	16.6	3.8	25.7	22.7	4.3	28.6	27.3	5.5
Chronic Obstructive Pulmonary Disease	10	20.0	10.7	*	30.0	17.8	*	30.0	23.6	*
Transient Cerebral Ischemia	25	0.0	2.1	*	4.0	4.5	*	8.0	7.0	*
Stroke	73	20.5	21.3	6.5	28.8	28.2	5.6	31.5	33.0	5.7
Hip Fracture	41	0.0	6.7	*	2.4	12.0	*	7.3	15.5	*
Sepsis	31	9.7	27.7	*	32.3	37.5	*	41.9	43.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	5.1	*	0.0	9.6	*	0.0	13.7	*
Carotid Endarterectomy	4	0.0	2.1	*	0.0	4.2	*	0.0	6.1	*
Hip Replacement/Reconstruction	23	4.3	5.0	*	8.7	9.8	*	13.0	13.2	*
Open Reduction of Hip Fracture	19	0.0	5.8	*	0.0	11.0	*	0.0	14.4	*
Prostatectomy	41	0.0	1.0	*	0.0	2.5	*	0.0	4.3	*
Cholecystectomy	26	7.7	3.2	*	15.4	6.0	*	23.1	7.9	*
Hysterectomy	9	0.0	1.0	*	0.0	2.5	*	0.0	4.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,555	9.8	10.7	1.2	17.5	16.2	1.5	22.3	20.3	1.8
CONDITIONS:										
Acute Myocardial Infarction	47	29.8	30.5	*	34.0	34.2	*	38.3	37.8	*
Congestive Heart Failure	96	12.5	15.8	4.9	21.9	24.0	5.1	29.2	30.9	5.1
Pneumonia/Influenza	73	13.7	16.4	5.7	24.7	22.3	5.7	27.4	27.1	5.5
Chronic Obstructive Pulmonary Disease	6	16.7	8.7	*	16.7	16.1	*	33.3	22.0	*
Transient Cerebral Ischemia	29	3.4	1.8	*	6.9	3.9	*	6.9	6.2	*
Stroke	78	19.2	22.9	6.1	32.1	29.5	6.1	37.2	34.1	6.5
Hip Fracture	35	2.9	6.1	*	8.6	11.0	*	8.6	14.4	*
Sepsis	24	37.5	27.9	*	50.0	38.1	*	54.2	44.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	13.3	5.4	*	26.7	10.3	*	33.3	14.5	*
Carotid Endarterectomy	4	0.0	2.1	*	0.0	3.9	*	0.0	5.4	*
Hip Replacement/Reconstruction	17	0.0	3.9	*	0.0	7.2	*	0.0	9.6	*
Open Reduction of Hip Fracture	18	5.6	5.7	*	16.7	11.1	*	16.7	14.9	*
Prostatectomy	45	0.0	1.4	*	2.2	3.5	*	6.7	5.7	*
Cholecystectomy	18	5.6	2.4	*	5.6	4.0	*	5.6	4.9	*
Hysterectomy	9	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

299.1

Ravenswood Hospital Medical Center
4550 N. Winchester • Chicago 60640 • (312) 878-4300

Caring . . . is what we do best

January 10, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Thank you for the opportunity to review the most recent mortality data for Ravenswood Hospital. We have reviewed the information provided and have several comments regarding the data itself and the use of mortality data as a measure of quality of care provided at an institution.

Mortality rates alone do not reflect the presence or absence of quality of care. Many other factors must be considered before making that judgement.

One of the most important factors used to measure quality of care is the appropriateness of treatment rendered. The mortality rates included in HCFA's report do not consider appropriateness of care. Other factors not considered in calculating the mortality rates include the severity of a patient's illness and the presence or absence of co-morbidities and/or complications. These items must be viewed in conjunction with the mortality rates before any conclusion can be drawn.

At Ravenswood Hospital, we have a very extensive Quality Improvement Department which reviews every death occurring at this institution. During this review, we look at all factors relating to the care of the patients who died not just the outcome.

Other problems with using the Mortality data listed as an indicator of quality is that only one group is included in calculating the statistics: elderly patients. Therefore the rates published are not representative of the entire hospital. Older patients tend to be more severely ill and have more co-morbidities and complications so their mortality rates are higher.

It is also misleading to present statistics of post discharge deaths. Many of these patients may have died due to causes totally unrelated to their stay at Ravenswood. One example would be a patient originally admitted for CHF but expiring in a car accident 100 days later. This falsely inflates the rate and makes the rate unmeaningful.

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The data itself appears accurate but we feel that the public should be aware of the effect a low sample size can have when calculating rates. Many areas have very small samples (6-49 total cases). These sizes are so small that HCFA cannot calculate Standard Deviations. It should be stressed to the public that the rates calculated with small sample sizes are not meaningful and should not be compared with the predicted rates.

We recommend that the public be very cautious when reviewing Hospital mortality rates. HCFA itself does not recommend the use of this information by itself to make judgements about the quality of care in an individual hospital.

Respectfully submitted,
Christopher Lloyd
Christopher Lloyd
Assistant Administrator

RESURRECTION MEDICAL CENTER

7435 W Talcott
Chicago, IL 60631

Medicare Provider Number: 140117

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,147	10.1	9.6	0.8	15.6	14.3	0.8	19.8	18.1	0.9
CONDITIONS:										
Acute Myocardial Infarction	162	36.4	28.1	5.9	40.1	31.4	6.2	43.8	34.9	6.3
Congestive Heart Failure	261	16.5	15.6	2.6	23.8	23.8	2.8	30.7	30.5	2.9
Pneumonia/Influenza	159	13.2	16.9	3.7	21.4	22.9	3.5	29.6	27.6	3.7
Chronic Obstructive Pulmonary Disease	42	2.4	8.3	*	7.1	14.3	*	14.3	19.6	*
Transient Cerebral Ischemia	93	1.1	1.8	1.7	2.2	3.9	2.6	6.5	6.3	3.8
Stroke	230	17.4	20.2	4.6	25.2	26.7	3.6	28.7	31.0	3.9
Hip Fracture	113	7.1	7.1	4.2	17.7	12.7	5.4	20.4	16.3	6.1
Sepsis	52	34.6	25.1	10.2	38.5	32.8	10.6	38.5	38.6	12.3
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	44	2.3	4.5	*	11.4	8.1	*	13.6	11.3	*
Carotid Endarterectomy	14	0.0	1.1	*	0.0	2.1	*	7.1	3.1	*
Hip Replacement/Reconstruction	59	3.4	3.9	3.6	10.2	7.3	5.3	13.6	9.6	6.6
Open Reduction of Hip Fracture	74	5.4	6.1	3.8	14.9	11.4	5.7	17.6	14.9	6.1
Prostatectomy	176	1.7	1.0	1.4	4.5	2.5	2.4	5.7	4.2	2.7
Cholecystectomy	81	3.7	3.1	3.1	3.7	5.1	2.9	4.9	6.3	3.0
Hysterectomy	39	0.0	0.4	*	2.6	0.7	*	5.1	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	749
Occupancy Rate	75
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	268
Percent of Physicians Board Certified Specialists	80
Medical Residents/Interns	17
Registered Nurses	348
Licensed Practical Nurses	37

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

RESURRECTION MEDICAL CENTER

Medicare Provider Number: 140117

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,743	10.4	9.7	0.5	16.0	14.5	0.8	19.5	18.3	0.9
CONDITIONS:										
Acute Myocardial Infarction	174	23.0	26.5	3.8	33.3	30.2	4.6	36.8	34.0	4.0
Congestive Heart Failure	264	17.4	16.1	2.5	25.4	24.3	2.9	33.0	31.1	3.7
Pneumonia/Influenza	193	19.7	16.9	4.1	31.6	22.5	4.6	35.8	27.0	4.9
Chronic Obstructive Pulmonary Disease	52	5.8	8.6	5.2	11.5	14.2	6.2	17.3	18.9	5.6
Transient Cerebral Ischemia	88	1.1	2.0	2.1	4.5	4.4	3.0	8.0	6.9	3.1
Stroke	262	20.6	20.8	2.5	29.0	27.5	3.2	33.6	32.1	3.7
Hip Fracture	116	6.9	6.7	3.3	11.2	12.1	3.1	15.5	15.4	3.7
Sepsis	49	26.5	26.3	*	34.7	34.8	*	36.7	41.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	53	5.7	6.8	4.1	13.2	11.1	5.3	17.0	14.5	6.7
Carotid Endarterectomy	21	0.0	1.4	*	0.0	2.7	*	0.0	3.9	*
Hip Replacement/Reconstruction	74	2.7	3.0	2.0	6.8	5.6	3.0	10.8	7.4	4.1
Open Reduction of Hip Fracture	67	9.0	6.5	3.8	10.4	12.2	4.3	14.9	15.8	4.5
Prostatectomy	252	0.8	1.2	0.8	2.4	2.7	1.1	4.4	4.3	1.3
Cholecystectomy	86	3.5	2.7	3.2	7.0	4.5	4.3	8.1	5.7	4.8
Hysterectomy	43	2.3	0.4	*	2.3	0.8	*	2.3	1.1	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,688	10.0	9.7	0.9	14.9	14.5	1.4	18.1	18.3	1.4
CONDITIONS:										
Acute Myocardial Infarction	156	28.8	26.6	4.0	32.1	30.0	4.4	35.3	33.3	5.1
Congestive Heart Failure	291	16.8	16.7	2.2	27.1	25.2	3.4	32.6	32.2	2.8
Pneumonia/Influenza	187	21.4	17.1	5.2	26.2	23.0	4.5	29.4	27.8	3.7
Chronic Obstructive Pulmonary Disease	61	8.2	10.8	5.6	13.1	16.9	6.5	18.0	21.6	7.4
Transient Cerebral Ischemia	95	4.2	2.2	2.5	8.4	4.8	3.3	8.4	7.5	3.6
Stroke	238	20.6	21.9	3.7	27.3	28.7	3.3	30.7	33.1	4.6
Hip Fracture	124	3.2	6.4	4.5	7.3	11.5	5.7	12.1	14.9	5.3
Sepsis	38	34.2	25.4	*	44.7	34.5	*	52.6	40.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	49	6.1	4.4	*	8.2	7.9	*	16.3	10.9	*
Carotid Endarterectomy	21	4.8	1.5	*	9.5	2.8	*	9.5	4.0	*
Hip Replacement/Reconstruction	80	2.5	4.5	2.7	5.0	8.7	4.1	7.5	11.8	4.5
Open Reduction of Hip Fracture	61	6.6	6.0	3.3	11.5	11.3	4.1	14.8	14.8	4.6
Prostatectomy	205	1.0	1.2	0.8	2.0	2.9	1.4	3.9	4.8	1.9
Cholecystectomy	95	1.1	2.7	2.8	2.1	4.5	3.8	3.2	5.6	4.3
Hysterectomy	38	0.0	1.2	*	0.0	2.5	*	0.0	3.7	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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301.2

Resurrection
Medical Center

7435 West Talcott Avenue Chicago, Illinois 60631-3746 312·774·8000

January 9, 1991

Gail R. Wilensky, Ph.D.
Administrator
Health Care Financing Administration
Department of Health and Human Services
6325 Security Blvd.,
Baltimore, MD 21207

Dear Gail Wilensky, Ph.D.:

Thank you for sending us a copy of the data you have just put together regarding our Medicare hospital mortality for October, 1988 to September, 1989.

I find one item which needs correction. That item is the Total Beds on Enclosure C, it should be 454.

Thank you.

Sincerely,

Sister Donna Marie, CR

Sister Donna Marie, C.R.
Executive Vice President/CEO

SDM:bsm

Resurrection Health Care Corporation

RICHLAND MEMORIAL HOSPITAL

800 East Locust
Olney, IL 62450

Medicare Provider Number: 140147

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	971	9.6	9.9	2.4	14.4	14.8	2.4	18.3	18.6	2.9
CONDITIONS:										
Acute Myocardial Infarction	51	21.6	29.9	8.3	23.5	33.5	8.7	27.5	37.2	9.1
Congestive Heart Failure	55	18.2	17.8	6.3	27.3	27.7	7.8	34.5	35.4	6.5
Pneumonia/Influenza	48	14.6	19.1	*	20.8	25.7	*	27.1	30.9	*
Chronic Obstructive Pulmonary Disease	14	14.3	6.9	*	21.4	12.0	*	35.7	16.4	*
Transient Cerebral Ischemia	19	0.0	1.9	*	0.0	4.3	*	0.0	7.0	*
Stroke	27	22.2	22.8	*	29.6	29.8	*	33.3	34.4	*
Hip Fracture	38	2.6	7.1	*	10.5	12.2	*	18.4	15.5	*
Sepsis	1	100.0	25.0	*	100.0	35.8	*	100.0	42.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	3.9	*	0.0	7.2	*	0.0	10.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	0.0	3.7	*	8.3	6.8	*	8.3	8.8	*
Open Reduction of Hip Fracture	22	4.5	6.7	*	9.1	12.1	*	22.7	15.4	*
Prostatectomy	21	9.5	1.1	*	14.3	2.8	*	19.0	4.8	*
Cholecystectomy	12	8.3	2.1	*	8.3	4.4	*	8.3	6.5	*
Hysterectomy	15	0.0	0.5	*	0.0	1.0	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	124
Occupancy Rate	53
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	29
Percent of Physicians Board Certified Specialists	69
Medical Residents/Interns	0
Registered Nurses	82
Licensed Practical Nurses	16

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

RICHLAND MEMORIAL HOSPITAL

Medicare Provider Number: 140147

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,089	10.3	9.2	1.2	14.6	13.5	1.6	17.3	17.1	1.3
CONDITIONS:										
Acute Myocardial Infarction	45	42.2	32.1	*	48.9	35.8	*	48.9	39.7	*
Congestive Heart Failure	43	9.3	17.2	*	18.6	24.6	*	23.3	30.8	*
Pneumonia/Influenza	44	11.4	18.3	*	11.4	24.3	*	15.9	29.0	*
Chronic Obstructive Pulmonary Disease	14	14.3	6.7	*	14.3	11.6	*	14.3	16.1	*
Transient Cerebral Ischemia	21	0.0	2.2	*	0.0	4.9	*	0.0	7.7	*
Stroke	39	23.1	21.5	*	33.3	28.7	*	35.9	33.4	*
Hip Fracture	44	11.4	4.8	*	11.4	8.9	*	15.9	11.7	*
Sepsis	8	25.0	28.0	*	37.5	34.5	*	50.0	40.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	4.2	*	0.0	7.2	*	16.7	10.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	21	0.0	2.8	*	0.0	5.4	*	4.8	7.1	*
Open Reduction of Hip Fracture	20	15.0	5.3	*	15.0	10.3	*	20.0	13.6	*
Prostatectomy	48	2.1	1.0	*	6.3	2.4	*	8.3	3.9	*
Cholecystectomy	9	11.1	1.6	*	11.1	2.9	*	11.1	3.8	*
Hysterectomy	16	0.0	0.5	*	0.0	1.0	*	0.0	1.5	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,030	10.9	10.2	2.1	15.5	15.1	2.9	19.2	19.0	3.0
CONDITIONS:										
Acute Myocardial Infarction	44	29.5	31.9	*	34.1	35.2	*	36.4	38.6	*
Congestive Heart Failure	53	24.5	21.3	6.5	30.2	32.0	6.6	41.5	39.9	7.2
Pneumonia/Influenza	37	21.6	20.8	*	27.0	27.9	*	32.4	33.4	*
Chronic Obstructive Pulmonary Disease	13	0.0	8.7	*	0.0	14.5	*	0.0	19.3	*
Transient Cerebral Ischemia	22	0.0	2.4	*	4.5	5.6	*	9.1	9.1	*
Stroke	39	28.2	23.8	*	33.3	30.4	*	33.3	35.1	*
Hip Fracture	24	12.5	6.5	*	16.7	12.4	*	16.7	16.3	*
Sepsis	6	50.0	33.5	*	50.0	40.6	*	50.0	47.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	3.1	*	0.0	6.3	*	0.0	9.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	27.3	4.2	*	27.3	8.4	*	27.3	11.5	*
Open Reduction of Hip Fracture	10	10.0	5.9	*	20.0	11.6	*	20.0	15.5	*
Prostatectomy	25	0.0	1.6	*	4.0	3.9	*	4.0	6.4	*
Cholecystectomy	23	0.0	1.8	*	4.3	3.4	*	4.3	4.7	*
Hysterectomy	7	0.0	1.3	*	0.0	2.9	*	0.0	4.8	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

RIVERSIDE MEDICAL CENTER

350 N Wall St
Kankakee, IL 60901

Medicare Provider Number: 140186

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,627	9.8	8.8	1.6	15.0	13.7	2.2	18.1	17.5	1.8
CONDITIONS:										
Acute Myocardial Infarction	46	26.1	23.9	*	32.6	27.6	*	34.8	31.0	*
Congestive Heart Failure	84	9.5	15.0	6.7	16.7	22.7	8.1	25.0	29.3	7.1
Pneumonia/Influenza	51	21.6	15.8	7.6	25.5	21.8	7.7	29.4	26.5	6.9
Chronic Obstructive Pulmonary Disease	29	6.9	6.4	*	17.2	11.1	*	20.7	15.4	*
Transient Cerebral Ischemia	33	0.0	1.6	*	6.1	3.4	*	9.1	5.3	*
Stroke	72	18.1	19.1	5.1	26.4	25.8	6.9	30.6	30.2	5.4
Hip Fracture	57	8.8	7.4	3.8	14.0	12.9	4.7	15.8	16.4	5.0
Sepsis	19	21.1	26.3	*	26.3	34.8	*	31.6	40.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	2.5	*	10.0	5.0	*	10.0	7.5	*
Carotid Endarterectomy	6	0.0	1.5	*	0.0	2.7	*	0.0	3.8	*
Hip Replacement/Reconstruction	33	9.1	4.7	*	12.1	8.4	*	12.1	10.8	*
Open Reduction of Hip Fracture	17	11.8	5.5	*	17.6	10.1	*	17.6	13.2	*
Prostatectomy	29	3.4	1.5	*	6.9	3.8	*	6.9	6.3	*
Cholecystectomy	28	0.0	3.1	*	3.6	5.5	*	3.6	7.1	*
Hysterectomy	14	0.0	0.9	*	0.0	2.0	*	0.0	3.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	340
Occupancy Rate	68
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	127
Percent of Physicians Board Certified Specialists	63
Medical Residents/Interns	0
Registered Nurses	237
Licensed Practical Nurses	37

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

RIVERSIDE MEDICAL CENTER

Medicare Provider Number: 140186

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,772	9.7	9.6	0.7	14.4	14.5	0.8	18.3	18.2	1.0
CONDITIONS:										
Acute Myocardial Infarction	50	28.0	27.9	*	30.0	31.6	*	36.0	35.1	*
Congestive Heart Failure	95	16.8	17.9	6.7	23.2	26.9	6.5	32.6	34.0	6.0
Pneumonia/Influenza	79	17.7	17.7	6.2	27.8	24.1	7.8	31.6	28.8	8.2
Chronic Obstructive Pulmonary Disease	28	3.6	7.0	*	7.1	12.6	*	21.4	17.2	*
Transient Cerebral Ischemia	32	3.1	2.0	*	3.1	4.4	*	3.1	7.0	*
Stroke	74	18.9	21.9	6.3	23.0	28.8	8.0	29.7	33.5	7.7
Hip Fracture	58	8.6	7.2	3.8	12.1	12.8	4.4	15.5	16.3	4.9
Sepsis	25	20.0	21.5	*	24.0	28.7	*	28.0	34.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	7.4	*	11.1	12.1	*	11.1	15.8	*
Carotid Endarterectomy	4	0.0	2.1	*	0.0	3.6	*	0.0	5.3	*
Hip Replacement/Reconstruction	49	4.1	3.2	*	4.1	6.0	*	6.1	7.9	*
Open Reduction of Hip Fracture	19	5.3	6.8	*	10.5	12.6	*	10.5	16.4	*
Prostatectomy	46	0.0	1.1	*	0.0	2.6	*	2.2	4.1	*
Cholecystectomy	30	0.0	2.6	*	0.0	4.6	*	3.3	5.9	*
Hysterectomy	14	0.0	0.6	*	7.1	1.3	*	7.1	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,560	10.0	9.2	1.0	14.0	14.2	1.1	17.4	18.1	1.6
CONDITIONS:										
Acute Myocardial Infarction	54	33.3	28.2	9.1	35.2	31.7	9.3	37.0	35.4	7.8
Congestive Heart Failure	67	22.4	18.0	8.2	29.9	27.1	6.1	34.3	34.5	5.8
Pneumonia/Influenza	55	25.5	18.3	7.1	30.9	24.4	8.2	38.2	29.4	10.1
Chronic Obstructive Pulmonary Disease	13	30.8	7.8	*	38.5	14.2	*	38.5	19.2	*
Transient Cerebral Ischemia	30	0.0	1.9	*	3.3	4.3	*	6.7	6.8	*
Stroke	60	18.3	22.9	6.8	23.3	31.5	7.5	25.0	36.7	8.9
Hip Fracture	27	11.1	8.5	*	14.8	15.0	*	18.5	19.3	*
Sepsis	7	14.3	19.2	*	28.6	27.7	*	28.6	33.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	0.0	6.3	*	20.0	10.6	*	33.3	14.3	*
Carotid Endarterectomy	5	0.0	1.3	*	0.0	2.4	*	0.0	3.4	*
Hip Replacement/Reconstruction	28	3.6	2.9	*	3.6	5.7	*	3.6	8.1	*
Open Reduction of Hip Fracture	12	0.0	7.1	*	0.0	13.3	*	8.3	17.4	*
Prostatectomy	66	0.0	1.3	1.8	1.5	3.1	2.5	4.5	5.2	2.9
Cholecystectomy	27	3.7	3.1	*	7.4	5.1	*	7.4	6.4	*
Hysterectomy	11	0.0	0.6	*	0.0	1.4	*	0.0	2.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ROCHELLE COMMUNITY HOSPITAL

900 N 2nd St
Rochelle, IL 61068

Medicare Provider Number: 140038

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	350	11.7	9.8	2.1	14.6	14.4	3.0	17.4	18.2	4.4
CONDITIONS:										
Acute Myocardial Infarction	13	23.1	32.3	*	23.1	36.3	*	30.8	40.0	*
Congestive Heart Failure	20	20.0	16.4	*	35.0	25.3	*	45.0	32.3	*
Pneumonia/Influenza	26	11.5	14.1	*	11.5	19.0	*	11.5	23.1	*
Chronic Obstructive Pulmonary Disease	7	0.0	5.6	*	0.0	9.9	*	0.0	13.9	*
Transient Cerebral Ischemia	6	0.0	1.6	*	0.0	3.4	*	0.0	5.3	*
Stroke	17	41.2	18.1	*	41.2	24.2	*	41.2	28.6	*
Hip Fracture	17	17.6	8.0	*	23.5	14.1	*	23.5	18.1	*
Sepsis	5	20.0	32.9	*	20.0	40.5	*	20.0	46.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	2.8	*	0.0	6.0	*	0.0	9.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	25.0	5.8	*	25.0	11.2	*	25.0	15.1	*
Open Reduction of Hip Fracture	5	0.0	6.1	*	0.0	11.4	*	0.0	15.0	*
Prostatectomy	8	0.0	0.7	*	12.5	1.8	*	25.0	3.1	*
Cholecystectomy	6	0.0	1.7	*	0.0	2.7	*	0.0	3.4	*
Hysterectomy	2	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	42
Occupancy Rate	38
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	12
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ROCHELLE COMMUNITY HOSPITAL

Medicare Provider Number: 140038

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	315	13.3	9.7	2.1	16.5	14.9	2.4	20.0	19.0	2.4
CONDITIONS:										
Acute Myocardial Infarction	7	57.1	33.3	*	57.1	37.5	*	71.4	41.9	*
Congestive Heart Failure	23	26.1	16.2	*	39.1	24.4	*	47.8	31.1	*
Pneumonia/Influenza	16	6.3	14.6	*	6.3	19.5	*	12.5	23.6	*
Chronic Obstructive Pulmonary Disease	6	0.0	16.1	*	33.3	30.5	*	33.3	40.0	*
Transient Cerebral Ischemia	0									
Stroke	9	33.3	23.9	*	33.3	30.4	*	33.3	35.1	*
Hip Fracture	9	0.0	6.5	*	11.1	12.3	*	11.1	16.1	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	4.4	*	0.0	7.4	*	0.0	10.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	5.6	*	0.0	10.8	*	0.0	14.2	*
Open Reduction of Hip Fracture	4	0.0	6.2	*	25.0	12.2	*	25.0	16.4	*
Prostatectomy	11	9.1	1.4	*	9.1	3.7	*	18.2	6.4	*
Cholecystectomy	9	0.0	1.1	*	0.0	2.1	*	0.0	2.7	*
Hysterectomy	2	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	298	11.1	10.6	1.9	16.8	15.7	2.5	21.1	19.6	3.1
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	39.6	*	42.9	43.6	*	42.9	47.9	*
Congestive Heart Failure	13	23.1	19.6	*	23.1	27.9	*	30.8	34.9	*
Pneumonia/Influenza	13	23.1	14.6	*	23.1	19.5	*	30.8	23.7	*
Chronic Obstructive Pulmonary Disease	5	0.0	7.8	*	20.0	12.5	*	20.0	16.4	*
Transient Cerebral Ischemia	6	0.0	2.9	*	0.0	6.6	*	0.0	10.3	*
Stroke	15	46.7	26.3	*	66.7	34.1	*	73.3	39.7	*
Hip Fracture	9	0.0	13.4	*	22.2	21.2	*	22.2	25.7	*
Sepsis	1	0.0	39.8	*	100.0	46.0	*	100.0	53.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	20.0	1.9	*	40.0	4.0	*	60.0	6.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	16.8	*	33.3	28.2	*	33.3	36.1	*
Open Reduction of Hip Fracture	3	0.0	6.1	*	33.3	11.8	*	33.3	15.8	*
Prostatectomy	6	16.7	1.5	*	16.7	3.9	*	16.7	6.9	*
Cholecystectomy	4	0.0	3.4	*	0.0	6.5	*	0.0	8.5	*
Hysterectomy	2	0.0	1.3	*	0.0	2.5	*	0.0	4.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

307.1

ROCHELLE COMMUNITY HOSPITAL ASSOCIATION
900 NORTH SECOND STREET
ROCHELLE, ILLINOIS 61068
Telephone (815) 562-2181
Fax (815) 562-5683

January 9, 1991

Health Standards and quality Bureau
Health Care Financing Administration
2-D-2 Meadows East Building'6325 Security Boulevard
Baltimore, MD 21207

Att: Mrs. Sandra Kappert

Dear Mrs. Kappert:

RE: F/Y 1989 HCFA Mortality Data

After a thorough analysis of HCFA's Mortality data for Rochelle Community Hospital, we feel it is imperative to address the following concerns. There were three disease categories whose mortality rates exceeded HCFA's predictions. Each disease will be approached individually, followed by a summation.

1.) **Congestive Heart Failure:** Predicted rate = 16.4%, Observed rate = 23.1%

Total Cases = 20

Total Deaths = 11

DEATHS DURING HOSPITALIZATION: 4 (INPATIENT MORTALITY RATE: 8.4%)

Deaths within 30 days: 4

Deaths within 60 days: None

Deaths within 90 days: None

Deaths within 120 days: None

Deaths within 150 days: 1

Deaths within 180 days: 2

2.) **Cerebral Vascular Accident:** Predicted rate = 18.1%, Observed rate = 41.2%

Total Cases = 17

Total Deaths = 10

DEATHS DURING HOSPITALIZATION: 6 (INPATIENT MORTALITY RATE: 24.7%)

Deaths within 30 days: 1

Deaths within 60 days: none

2.) Cont'd. Cerebral Vascular Accident

Deaths within 90 days: none
Deaths within 120 days: none
Deaths within 150 days: none
Deaths within 180 days: 2

3.) **Hip Fracture:** Predicted = 8.0% Observed: 17.6%

Total Cases: 17
Total Deaths: 4
DEATHS DURING HOSPITALIZATION: 2 (INPATIENT MORTALITY RATE: 8.8%)
Deaths within 30 days: 1
Deaths within 60 days: none
Deaths within 90 days: 1
Deaths within 120 days: none
Deaths within 150 days: none
Deaths within 180 days: none

Only one out of four deaths in the Hip Fracture category was surgically repaired. The other three patients had serious co-morbidities which prevented surgical intervention.

While there may be some correlation between a death within 30 days of hospitalization, it would be extremely difficult to find a direct relationship to deaths occurring two to six months later.

While we give the highest quality of care within our institution and provide extensive discharge planning in order to provide our patients the safest possible setting for continued convalescence, it is difficult to provide any correlation for deaths occurring in another facility or for subsequent changes in a patient's health.

As you can see, our Mortality rates are substantially lower when the data reflects death within our institution. The predicted range was met for Congestive Heart Failure and Hip Fractures and our range for CVA only exceeded the predicted range by 6 percent.

ROCKFORD MEMORIAL HOSPITAL

2400 North Rockton Avenue
Rockford, IL 61103

Medicare Provider Number: 140239

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,936	9.9	10.1	1.0	15.3	15.3	1.3	19.0	19.3	1.1
CONDITIONS:										
Acute Myocardial Infarction	104	20.2	28.2	7.1	23.1	31.5	7.0	26.0	34.8	7.1
Congestive Heart Failure	146	17.8	15.1	3.7	27.4	23.3	5.2	33.6	30.0	5.1
Pneumonia/Influenza	112	14.3	17.6	6.6	20.5	23.9	6.8	25.0	28.7	7.4
Chronic Obstructive Pulmonary Disease	23	4.3	7.2	*	13.0	12.6	*	26.1	17.5	*
Transient Cerebral Ischemia	22	9.1	2.1	*	13.6	4.9	*	13.6	8.1	*
Stroke	111	23.4	22.6	4.1	28.8	29.6	4.7	29.7	34.3	5.2
Hip Fracture	95	4.2	7.6	3.5	10.5	13.5	4.4	11.6	17.5	5.8
Sepsis	35	14.3	26.4	*	28.6	35.4	*	34.3	41.4	*
PROCEDURES:										
Angioplasty	56	1.8	5.4	4.5	5.4	6.6	4.7	5.4	8.0	5.3
Coronary Artery Bypass Graft	84	9.5	6.4	3.6	10.7	9.0	3.7	10.7	10.6	4.4
Initial Pacemaker Insertion	20	5.0	5.8	*	10.0	9.9	*	10.0	13.8	*
Carotid Endarterectomy	6	0.0	1.1	*	0.0	1.9	*	0.0	2.8	*
Hip Replacement/Reconstruction	83	3.6	3.3	2.0	8.4	5.9	3.4	8.4	7.7	3.4
Open Reduction of Hip Fracture	34	5.9	6.7	*	8.8	12.4	*	11.8	16.3	*
Prostatectomy	79	0.0	0.7	1.5	2.5	1.7	1.6	2.5	2.9	1.9
Cholecystectomy	67	3.0	3.7	2.8	6.0	6.9	3.2	7.5	9.1	4.3
Hysterectomy	25	0.0	0.5	*	4.0	1.0	*	4.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	398
Occupancy Rate	72
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	181
Percent of Physicians Board Certified Specialists	78
Medical Residents/Interns	0
Registered Nurses	494
Licensed Practical Nurses	54

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ROCKFORD MEMORIAL HOSPITAL

Medicare Provider Number: 140239

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,943	9.9	10.2	0.6	15.3	15.4	0.9	19.1	19.3	0.8
CONDITIONS:										
Acute Myocardial Infarction	113	18.6	29.3	5.8	21.2	32.7	6.1	23.0	36.2	6.7
Congestive Heart Failure	119	15.1	17.1	4.0	26.9	25.7	4.9	35.3	32.7	5.0
Pneumonia/Influenza	84	16.7	19.9	7.2	26.2	26.9	5.0	27.4	31.9	6.5
Chronic Obstructive Pulmonary Disease	36	8.3	5.9	*	13.9	11.3	*	16.7	16.0	*
Transient Cerebral Ischemia	34	0.0	2.6	*	2.9	5.7	*	11.8	8.5	*
Stroke	93	23.7	25.5	7.7	26.9	32.2	8.1	33.3	37.1	6.7
Hip Fracture	98	3.1	7.5	3.4	6.1	13.8	4.6	13.3	17.9	4.3
Sepsis	39	41.0	30.5	*	51.3	40.7	*	51.3	47.7	*
PROCEDURES:										
Angioplasty	47	10.6	7.7	*	12.8	9.0	*	14.9	10.4	*
Coronary Artery Bypass Graft	52	15.4	7.3	6.8	19.2	10.4	7.4	19.2	12.2	7.1
Initial Pacemaker Insertion	11	0.0	4.4	*	0.0	6.9	*	0.0	9.6	*
Carotid Endarterectomy	4	0.0	1.4	*	0.0	2.5	*	0.0	3.7	*
Hip Replacement/Reconstruction	92	2.2	2.8	1.9	7.6	5.6	2.8	12.0	7.5	4.4
Open Reduction of Hip Fracture	25	0.0	7.0	*	0.0	13.6	*	4.0	17.9	*
Prostatectomy	80	0.0	0.8	*	0.0	1.9	*	0.0	3.2	*
Cholecystectomy	62	0.0	2.9	3.7	3.2	5.4	4.0	4.8	7.1	4.8
Hysterectomy	24	0.0	0.5	*	0.0	1.0	*	0.0	1.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,961	9.8	9.6	2.6	14.9	14.8	3.2	18.3	18.7	2.8
CONDITIONS:										
Acute Myocardial Infarction	90	32.2	30.6	6.9	35.6	33.7	6.6	36.7	37.1	5.4
Congestive Heart Failure	144	16.0	16.8	4.5	26.4	24.9	3.9	31.9	31.6	3.9
Pneumonia/Influenza	92	27.2	18.4	8.0	30.4	24.8	7.4	33.7	29.9	7.1
Chronic Obstructive Pulmonary Disease	55	18.2	8.6	6.7	20.0	14.5	5.9	23.6	19.0	5.9
Transient Cerebral Ischemia	28	0.0	2.1	*	10.7	4.4	*	14.3	6.9	*
Stroke	91	22.0	23.6	4.7	28.6	30.6	6.1	31.9	35.3	6.6
Hip Fracture	89	7.9	7.6	3.3	11.2	13.7	4.2	15.7	17.5	4.3
Sepsis	36	19.4	26.5	*	25.0	35.9	*	25.0	42.2	*
PROCEDURES:										
Angioplasty	49	4.1	5.0	*	4.1	6.1	*	4.1	7.4	*
Coronary Artery Bypass Graft	37	2.7	6.0	*	10.8	8.3	*	10.8	9.6	*
Initial Pacemaker Insertion	20	5.0	4.5	*	5.0	8.7	*	5.0	12.5	*
Carotid Endarterectomy	5	0.0	1.7	*	0.0	3.3	*	0.0	4.8	*
Hip Replacement/Reconstruction	89	3.4	3.0	2.3	3.4	5.7	3.8	5.6	7.5	4.3
Open Reduction of Hip Fracture	31	9.7	7.1	*	12.9	13.4	*	16.1	17.5	*
Prostatectomy	91	0.0	0.8	1.2	1.1	2.0	1.6	1.1	3.3	2.6
Cholecystectomy	58	5.2	2.8	3.0	6.9	5.4	3.3	6.9	7.4	3.5
Hysterectomy	26	3.8	0.5	*	7.7	1.0	*	7.7	1.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

area code 815/968-6861

Rockford Memorial Hospital
DEDICATED TO YOUR HEALTH

2400 NORTH ROCKTON AVENUE • ROCKFORD, ILLINOIS 61103

January 7, 1991

Mrs. Sandra Kappert
Health Standards and Quality Bureau
Health Care Financing Administration
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Rockford Memorial Hospital, Rockford, Illinois (Medicare Provider Number 14-0239) acknowledges receipt of the December 6, 1990 communication from Administrator, Gail R. Wilensky, Ph.D. to which were attached enclosures B and C describing Medicare Hospital Mortality Rates for FY 1987, 1988 and 1989.

Rockford Memorial Hospital continues to pursue thorough review of all in-hospital mortalities through formal quality assessment activities conducted by each medical staff department augmented by the medical and surgical patient care committees. The information provided by HCFA will be utilized to support those ongoing review processes.

We appreciate the opportunity to comment on the most recent information release and would offer the following observations:

1. The Hospital Characteristics section of the report could be more valuable if augmented to more fully reflect the depth and scope of services provided by each hospital being reported.

   More specifically, we would note a correction to the number of residents indicated as zero (0). That number should have been nine (9) FTE.

2. The validity of reported mortality rates thirty days post-discharge has been previously questioned inasmuch as cause of death may be unrelated to the reason for hospitalization and the treatment provided. That same concern becomes of greater significance when deaths occurring three and six-month's post-discharge are reported and the consumer of the information may be led to believe that a causal relationship between the provider's treatment and the cause of death exists in most or all cases.

3. While we were gratified to note that in all categories studied, our observed mortality rates compared favorably with the predicted rates (fell within one standard deviation of the predicted rate) we believe that the report would be more valuable to the consumer if predicted mortality rates were expressed as a range rather than as a discrete number with standard deviation noted.

    A related issue concerns the reporting of mortality rates for conditions where the sample size is extremely small. Such may contribute to misunderstanding on the part of consumers. Thus we question the appropriateness of such a release. We suggest instead that in such cases it be indicated that for the particular condition the sample size was too small to make valid comparisons between observed and predicted mortality rates.

Thank you for providing us with the mortality data for Rockford Memorial Hospital and for publishing our comments.

Sincerely,

H. W. Maysent

H. W. Maysent, President

HCFA-4

ROSELAND COMMUNITY HOSPITAL

45 W 111th Street
Chicago, IL 60628

Medicare Provider Number: 140068

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	630	12.5	9.5	2.5	19.5	14.5	4.1	24.0	18.5	4.2
CONDITIONS:										
Acute Myocardial Infarction	15	33.3	20.1	*	40.0	23.1	*	40.0	26.4	*
Congestive Heart Failure	56	7.1	9.2	4.3	14.3	15.1	4.9	17.9	20.8	6.8
Pneumonia/Influenza	28	17.9	17.9	*	32.1	24.7	*	39.3	29.8	*
Chronic Obstructive Pulmonary Disease	2	0.0	14.2	*	50.0	24.0	*	50.0	32.9	*
Transient Cerebral Ischemia	16	6.3	1.8	*	18.8	3.9	*	25.0	6.1	*
Stroke	30	30.0	24.1	*	36.7	29.6	*	36.7	33.7	*
Hip Fracture	6	0.0	5.5	*	0.0	10.0	*	0.0	13.2	*
Sepsis	7	0.0	28.2	*	14.3	35.6	*	14.3	41.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	3.8	*	0.0	8.1	*	33.3	11.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	3.4	*	0.0	6.0	*	0.0	7.8	*
Open Reduction of Hip Fracture	4	0.0	5.4	*	0.0	10.7	*	0.0	14.5	*
Prostatectomy	11	0.0	1.8	*	18.2	3.8	*	18.2	5.6	*
Cholecystectomy	5	40.0	8.9	*	40.0	14.6	*	40.0	16.6	*
Hysterectomy	1	0.0	0.7	*	0.0	1.1	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	154
Occupancy Rate	65
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	86
Percent of Physicians Board Certified Specialists	49
Medical Residents/Interns	0
Registered Nurses	155
Licensed Practical Nurses	19

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ROSELAND COMMUNITY HOSPITAL

Medicare Provider Number: 140068

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	680	13.4	10.6	1.4	20.7	15.5	1.9	25.9	19.6	2.2
CONDITIONS:										
Acute Myocardial Infarction	34	26.5	28.3	*	32.4	32.7	*	38.2	37.0	*
Congestive Heart Failure	49	20.4	13.1	*	26.5	20.5	*	42.9	27.3	*
Pneumonia/Influenza	10	30.0	15.1	*	40.0	20.6	*	40.0	24.9	*
Chronic Obstructive Pulmonary Disease	1	100.0	17.2	*	100.0	24.3	*	100.0	29.4	*
Transient Cerebral Ischemia	24	4.2	1.9	*	4.2	4.1	*	12.5	6.4	*
Stroke	48	27.1	23.1	*	41.7	29.4	*	47.9	34.1	*
Hip Fracture	7	14.3	6.7	*	14.3	11.5	*	28.6	14.5	*
Sepsis	15	46.7	34.8	*	60.0	43.0	*	60.0	49.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	6.7	*	0.0	12.6	*	0.0	16.2	*
Open Reduction of Hip Fracture	2	50.0	5.9	*	50.0	10.5	*	50.0	13.4	*
Prostatectomy	8	12.5	2.1	*	12.5	5.3	*	12.5	8.8	*
Cholecystectomy	7	14.3	5.8	*	14.3	11.1	*	14.3	15.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	631	10.3	9.9	1.3	16.6	14.9	2.1	19.8	18.7	1.8
CONDITIONS:										
Acute Myocardial Infarction	15	33.3	33.1	*	33.3	36.3	*	40.0	39.8	*
Congestive Heart Failure	36	11.1	15.1	*	25.0	23.5	*	36.1	31.0	*
Pneumonia/Influenza	9	22.2	25.1	*	44.4	33.4	*	44.4	39.3	*
Chronic Obstructive Pulmonary Disease	3	33.3	8.0	*	33.3	11.7	*	33.3	14.9	*
Transient Cerebral Ischemia	17	0.0	2.2	*	5.9	4.8	*	5.9	7.4	*
Stroke	39	20.5	19.1	*	30.8	25.1	*	33.3	29.5	*
Hip Fracture	13	0.0	6.1	*	0.0	10.3	*	0.0	13.0	*
Sepsis	7	42.9	31.6	*	42.9	43.2	*	42.9	50.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.3	*	0.0	4.6	*	0.0	7.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	4.9	*	0.0	8.5	*	0.0	10.9	*
Open Reduction of Hip Fracture	5	0.0	5.2	*	0.0	9.5	*	0.0	12.2	*
Prostatectomy	11	9.1	2.1	*	9.1	5.1	*	9.1	8.6	*
Cholecystectomy	7	0.0	6.4	*	14.3	11.4	*	14.3	14.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

311.1

Roseland

Roseland Community Hospital

45 West 111th Street, Chicago, Illinois 60628 (312) 995-3000

January 15, 1991

Provider #140068

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore Maryland 21207

Dear Mrs. Kappert,

Thank you once again for the opportunity to comment on the fiscal year 88/89 hospital mortality data. It is gratifying to note that some of our previous suggestions have been incorporated in this year's methodology. For example, we noted a separate category now identifies "all causes" as opposed to just a selected 16 categories. Also, your decision to randomly select one case from each patient treated is an improvement over using only the patient's last admission which ultimately resulted in an oversampling of expirations as an outcome. Lastly, the use of comorbidities as a variable utilized in the mortality model is a step in the right direction but remains very limited in that it includes only four comorbidities that span a very limited ICD-9-CM code range. The comorbidities utilized include cancer, chronic cardiovascular disease, chronic liver disease and chronic renal disease. In addition to these, many of our patients are frequently admitted with other comorbidities which may include cerebrovascular accidents, strokes, respiratory failure, severe chronic obstructive pulmonary disease, or chronic diabetic or hypertensive conditions just to mention a few. Your mortality model does not include provisions for these types of diagnoses even though they are frequently treated within our patient population.

Also, I think it is necessary to point out that the use of your analytical technique is far too complex to be of any real value. As our hospital does not employ a mathematician or statistician, the statistical methodology utilized for this year's mortality model exceeds our expertise to utilize it. If the purpose of collecting this data is, as you have stated, to help us analyze our hospital's performance then the analytical methodologies utilized should not exceed the available resource people on a hospital staff. Your mortality data is not beneficial if it cannot be understood by the people who need to verify and utilize the information.

In your cover letter, you mention that this year's refinements have been approved by a panel of outside experts. You do not elaborate on their areas of expertise, but I would hazard a guess that their backgrounds lean towards mathematics or statistics rather than a clinical background. I refer to the fact that many key elements are missing or severely limited in your fact that many key elements are missing or severely limited in your analytical model. For example, there are no variables to include impending organ failures, or whether the patient was previously seen by the attending physician or had ongoing access to primary care prior to admission or whether the patient is able to give an accurate history or background in the event he/she had not previously been seen by the attending physician. There are many more factors and variables that your current mortality model simply does not address when calculating the predicted mortality. Did the experts reviewing your model note these shortcomings or did they merely validate the mathematical formulas utilized?

In addition, there are factors which no mortality model or severity of illness system can address. For example, when examining the 76 inhouse deaths noted in Enclosure D, it revealed that 18.4% were transferred from a nearby nursing home. These patients ordinarily would have been transferred to their attending physician's facility; but because the transport risks were so great, the patients were brought to our hospital because we are in closer proximity to the skilled nursing facility. Even though your model does provide a variable for skilled nursing facility as an admission source, it does not provide for the fact that only the most severe cases were transported to our hospital.

The mortality model does not provide any variables for the many outside factors that can influence the outcome of a hospitalization. These might include how soon the patient sought treatment for a condition before presenting to the hospital, whether the patient was under the care of a private physician, whether the patient had been compliant in adhering to his doctor's instructions, or if medications were being taken timely and correctly. All of these factors could have a potential affect on outcome, yet no variables exist for these factors in your model.

In closing, I would like to point out that mortality is only useful as an indicator, it is not a measure of the quality of care that is being rendered. Many more complex factors will need to be included in your mortality model before it is capable of doing that. Unfortunately, when publishing their headlines, the media does not explain this enigma, and the public is left to draw its own conclusions based upon your limited statistics.

Respectfully submitted,

Remedios Sales M.D.
Remedios Sales, M.D.
President, Medical Staff

Jai Arya, M.D.
Chairman, Quality Assurance

Denise R. Williams
Denise R. Williams
President

DRW/dlm

CC: Metropolitan Healthcare Council
Illinois Hospital Association

RUSH NORTH SHORE MEDICAL CENTER

9600 Gross Point Road
Skokie, IL 60076

Medicare Provider Number: 140051

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,723	8.5	9.6	1.2	13.8	14.5	1.2	17.5	18.3	1.6
CONDITIONS:										
Acute Myocardial Infarction	80	30.0	27.2	5.8	33.7	30.9	6.1	37.5	34.5	6.0
Congestive Heart Failure	92	7.6	16.3	5.4	20.7	25.3	6.1	21.7	32.2	6.7
Pneumonia/Influenza	70	15.7	17.5	4.8	20.0	23.9	6.9	24.3	28.6	7.7
Chronic Obstructive Pulmonary Disease	12	8.3	11.2	*	33.3	18.8	*	33.3	24.9	*
Transient Cerebral Ischemia	29	0.0	2.3	*	0.0	5.3	*	6.9	8.7	*
Stroke	74	17.6	21.7	5.4	25.7	28.7	6.4	25.7	33.3	8.0
Hip Fracture	63	6.3	6.9	3.3	11.1	12.2	4.9	12.7	15.8	6.5
Sepsis	28	21.4	29.5	*	42.9	40.3	*	50.0	47.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	2.4	*	0.0	4.9	*	0.0	7.3	*
Carotid Endarterectomy	1	0.0	1.5	*	0.0	3.0	*	0.0	4.3	*
Hip Replacement/Reconstruction	42	4.8	2.3	*	4.8	4.3	*	4.8	5.6	*
Open Reduction of Hip Fracture	32	3.1	6.4	*	6.3	11.9	*	6.3	15.5	*
Prostatectomy	73	0.0	0.9	1.5	2.7	2.2	2.1	2.7	3.7	2.6
Cholecystectomy	27	3.7	2.4	*	3.7	4.3	*	3.7	5.6	*
Hysterectomy	8	0.0	0.5	*	0.0	0.9	*	12.5	1.4	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	260
Occupancy Rate	60
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	111
Percent of Physicians Board Certified Specialists	90
Medical Residents/Interns	0
Registered Nurses	287
Licensed Practical Nurses	12

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

****Not used in calculating hospital mortality rates.**

RUSH NORTH SHORE MEDICAL CENTER

Medicare Provider Number: 140051

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,941	8.8	9.3	0.9	14.4	13.8	1.1	17.5	17.5	0.9
CONDITIONS:										
Acute Myocardial Infarction	89	27.0	29.0	5.1	33.7	32.4	6.1	34.8	36.1	5.3
Congestive Heart Failure	105	15.2	19.4	4.8	23.8	29.3	7.3	28.6	36.9	7.8
Pneumonia/Influenza	67	32.8	18.5	8.2	41.8	25.0	7.3	46.3	29.9	8.2
Chronic Obstructive Pulmonary Disease	3	0.0	6.0	*	0.0	10.7	*	0.0	14.5	*
Transient Cerebral Ischemia	34	2.9	2.4	*	5.9	5.4	*	11.8	8.5	*
Stroke	72	16.7	23.2	5.8	20.8	30.7	6.9	27.8	35.5	6.8
Hip Fracture	51	3.9	6.7	4.2	11.8	12.1	5.1	13.7	15.5	5.8
Sepsis	27	29.6	26.8	*	40.7	35.0	*	48.1	41.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	8.3	6.4	*	8.3	10.0	*	16.7	13.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	52	0.0	2.2	2.7	3.8	4.1	3.3	3.8	5.5	3.6
Open Reduction of Hip Fracture	25	4.0	6.0	*	4.0	11.3	*	8.0	14.8	*
Prostatectomy	100	1.0	1.0	1.2	3.0	2.4	1.6	4.0	3.8	1.9
Cholecystectomy	38	0.0	3.5	*	2.6	5.1	*	2.6	6.1	*
Hysterectomy	11	0.0	1.6	*	0.0	3.2	*	9.1	4.6	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,730	9.8	10.1	2.5	15.1	14.9	2.4	18.8	18.6	2.7
CONDITIONS:										
Acute Myocardial Infarction	63	23.8	34.1	10.3	27.0	37.6	10.3	31.7	41.4	9.9
Congestive Heart Failure	91	18.7	19.3	4.7	28.6	28.6	5.6	35.2	36.0	5.6
Pneumonia/Influenza	60	25.0	20.5	6.5	33.3	27.9	7.5	46.7	33.3	8.6
Chronic Obstructive Pulmonary Disease	16	6.3	8.3	*	12.5	15.1	*	31.3	20.8	*
Transient Cerebral Ischemia	28	0.0	2.2	*	3.6	4.8	*	10.7	7.7	*
Stroke	63	19.0	23.8	9.4	25.4	30.9	9.7	33.3	35.7	7.5
Hip Fracture	52	3.8	9.1	4.7	19.2	15.5	6.0	26.9	19.4	6.2
Sepsis	36	33.3	28.0	*	41.7	36.0	*	44.4	42.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	0.0	3.8	*	0.0	7.8	*	0.0	11.6	*
Carotid Endarterectomy	3	0.0	2.2	*	0.0	3.8	*	0.0	5.4	*
Hip Replacement/Reconstruction	62	1.6	3.3	3.2	4.8	5.9	3.9	6.5	7.7	3.6
Open Reduction of Hip Fracture	30	3.3	7.4	*	13.3	13.4	*	20.0	17.1	*
Prostatectomy	81	1.2	1.0	1.6	2.5	2.4	2.0	3.7	4.1	2.4
Cholecystectomy	23	4.3	2.9	*	4.3	4.9	*	4.3	6.2	*
Hysterectomy	7	0.0	0.7	*	0.0	1.3	*	0.0	1.9	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

RUSH-PRESBYTERIAN-ST LUKES MED CENTER

1653 West Congress Parkway
Chicago, IL 60612

Medicare Provider Number: 140119

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,005	5.8	7.8	1.1	10.6	12.6	1.0	14.4	16.5	0.9
CONDITIONS:										
Acute Myocardial Infarction	60	13.3	27.0	8.4	15.0	30.3	8.8	25.0	33.7	7.5
Congestive Heart Failure	144	6.9	14.1	3.8	17.4	22.2	4.9	20.1	29.0	5.3
Pneumonia/Influenza	95	10.5	17.5	7.2	20.0	24.2	7.1	23.2	29.3	7.6
Chronic Obstructive Pulmonary Disease	20	10.0	17.9	*	10.0	29.0	*	25.0	36.4	*
Transient Cerebral Ischemia	41	2.4	1.7	*	2.4	3.9	*	4.9	6.3	*
Stroke	90	11.1	19.4	5.9	18.9	26.3	6.9	21.1	30.8	7.5
Hip Fracture	42	2.4	6.4	*	11.9	11.6	*	11.9	15.2	*
Sepsis	31	29.0	28.5	*	45.2	37.5	*	51.6	44.3	*
PROCEDURES:										
Angioplasty	37	0.0	2.5	*	0.0	3.5	*	2.7	4.5	*
Coronary Artery Bypass Graft	124	7.3	6.6	2.4	12.1	9.9	3.0	16.1	11.9	3.9
Initial Pacemaker Insertion	23	4.3	4.3	*	8.7	7.9	*	17.4	11.0	*
Carotid Endarterectomy	31	0.0	1.3	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction	113	1.8	1.4	2.1	3.5	2.8	2.2	4.4	3.8	2.3
Open Reduction of Hip Fracture	20	5.0	5.8	*	10.0	11.1	*	10.0	14.9	*
Prostatectomy	78	0.0	0.8	1.4	0.0	2.0	2.7	2.6	3.4	2.3
Cholecystectomy	43	2.3	5.4	*	4.7	10.5	*	9.3	14.5	*
Hysterectomy	25	0.0	0.9	*	0.0	1.8	*	0.0	2.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	983
Occupancy Rate	77
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	1,037
Percent of Physicians Board Certified Specialists	83
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

RUSH-PRESBYTERIAN-ST LUKES MED CENTER

Medicare Provider Number: 140119

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,399	6.8	8.1	0.5	11.8	13.0	0.7	15.6	16.9	0.7
CONDITIONS:										
Acute Myocardial Infarction	72	18.1	29.2	6.5	29.2	32.6	5.6	34.7	36.2	5.7
Congestive Heart Failure	153	15.7	16.4	3.6	22.2	25.4	5.9	28.8	32.6	7.1
Pneumonia/Influenza	101	17.8	18.3	4.6	19.8	25.3	7.3	25.7	30.4	8.5
Chronic Obstructive Pulmonary Disease	28	3.6	11.3	*	10.7	19.2	*	10.7	25.5	*
Transient Cerebral Ischemia	72	1.4	1.6	*	2.8	3.5	*	4.2	5.5	*
Stroke	84	13.1	21.5	6.0	22.6	27.8	5.3	28.6	32.4	5.4
Hip Fracture	47	2.1	6.5	*	4.3	11.7	*	8.5	15.1	*
Sepsis	35	17.1	30.4	*	31.4	39.7	*	31.4	46.3	*
PROCEDURES:										
Angioplasty	36	0.0	2.7	*	0.0	3.5	*	0.0	4.4	*
Coronary Artery Bypass Graft	127	11.8	6.4	4.8	15.0	9.1	5.5	16.5	10.7	5.6
Initial Pacemaker Insertion	16	0.0	3.2	*	0.0	6.5	*	6.3	9.6	*
Carotid Endarterectomy	33	6.1	1.3	*	6.1	2.4	*	9.1	3.5	*
Hip Replacement/Reconstruction	122	0.0	1.2	1.5	0.0	2.2	2.4	0.8	3.1	2.5
Open Reduction of Hip Fracture	21	0.0	6.5	*	4.8	12.1	*	4.8	15.7	*
Prostatectomy	120	0.8	0.8	0.8	2.5	1.8	1.3	2.5	3.1	1.9
Cholecystectomy	53	3.8	5.2	3.3	9.4	10.0	4.1	15.1	13.6	4.9
Hysterectomy	28	0.0	0.9	*	3.6	2.0	*	3.6	3.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,405	6.3	8.2	3.5	11.2	13.1	3.7	15.0	16.8	3.6
CONDITIONS:										
Acute Myocardial Infarction	65	24.6	34.3	10.1	27.7	38.3	9.6	33.8	42.1	9.0
Congestive Heart Failure	158	10.1	17.6	4.6	22.2	26.7	5.9	30.4	33.9	4.2
Pneumonia/Influenza	98	12.2	19.5	5.5	20.4	26.1	5.1	26.5	31.0	5.3
Chronic Obstructive Pulmonary Disease	29	3.4	11.6	*	13.8	19.0	*	17.2	24.8	*
Transient Cerebral Ischemia	41	0.0	1.7	*	2.4	3.7	*	4.9	5.9	*
Stroke	82	13.4	25.3	6.7	22.0	32.1	6.6	31.7	37.0	5.7
Hip Fracture	56	1.8	6.1	5.7	8.9	11.1	6.3	14.3	14.6	4.9
Sepsis	28	35.7	31.8	*	57.1	41.5	*	60.7	48.5	*
PROCEDURES:										
Angioplasty	42	7.1	2.8	*	7.1	3.7	*	7.1	4.8	*
Coronary Artery Bypass Graft	133	6.8	6.1	2.1	7.5	8.7	2.5	9.0	10.2	2.7
Initial Pacemaker Insertion	24	0.0	3.7	*	0.0	7.9	*	8.3	12.0	*
Carotid Endarterectomy	35	0.0	1.5	*	2.9	3.0	*	5.7	4.4	*
Hip Replacement/Reconstruction	128	0.0	1.7	1.8	2.3	3.1	2.0	2.3	4.2	2.6
Open Reduction of Hip Fracture	30	0.0	5.2	*	0.0	10.1	*	6.7	13.6	*
Prostatectomy	107	0.0	0.8	*	0.0	1.9	*	0.0	3.3	*
Cholecystectomy	44	2.3	5.8	*	4.5	9.2	*	6.8	11.5	*
Hysterectomy	34	0.0	0.4	*	0.0	0.9	*	0.0	1.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

RUSH-PRESBYTERIAN-ST. LUKE'S MEDICAL CENTER 1653 WEST CONGRESS PARKWAY, CHICAGO, ILLINOIS 60612-3864
RUSH UNIVERSITY

LEO M. HENIKOFF, M.D.
PRESIDENT
CHIEF EXECUTIVE OFFICER

January 14, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra K. Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Medicare Provider # 140119

As in the past, the percentage of deaths at Rush falls at the lower end of the "expected" range of mortality. We have scrutinized the 1989 data in comparison with those published for 1988 and 1987, and discover no trends which indicate a significant change in our clinical performance.

Rush continues its commitment to delivering high quality care. Peer review of the care provided for patients who expired is one facet of our broad quality monitoring function. This peer review has identified no pattern of care which is less than excellent. The results of our peer review are referred to appropriate clinical departments for their study. Comparing the HCFA data to the data those departments have compiled through their ongoing mortality/morbidity reviews, our data show a lower death rate than presented in this year's Medicare Hospital Mortality Information. The outcome of this ongoing departmental review is shared with the Medical Care Evaluation Committee, and brought to the attention of medical center management.

We are gratified these statistics demonstrate a consistent clinical product, but continue to be concerned that the lay public will not be able to make informed judgements about the quality of medical care from this publication.

Also, please note the attached addendum, listing several corrections and additions to your AHA 1989 survey data (Hospital Characteristics).

Yours Truly,

LMH/dj

Henikoff/HCFA letter
January 14, 1991

ADDENDUM ON HOSPITAL CHARACTERISTICS
Rush-Presbyterian-St. Luke's Medical Center

Medicare Provider Number: 140119

Corrections: *Ownership: non-governmental, not-for-profit*

Percentage of Physicians Who are
Board Certified Specialists...........87%

Specialty Services:
Other Intensive Care.............YES

Additions:

Medical Residents/Interns:	*529*
Registered Nurses:	*1033 (full-time only)*
Licensed Practical Nurses:	*58 (full-time only)*

* * *

SACRED HEART HOSPITAL

3240 W Franklin Blvd
Chicago, IL 60624

Medicare Provider Number: 140151

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	84	1.2	6.4	4.7	3.6	10.1	5.9	7.1	13.0	6.3
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	28.2	*	0.0	30.3	*	0.0	33.1	*
Congestive Heart Failure	6	0.0	13.5	*	0.0	20.1	*	0.0	26.3	*
Pneumonia/Influenza	3	0.0	8.3	*	0.0	11.2	*	0.0	14.0	*
Chronic Obstructive Pulmonary Disease	7	0.0	7.8	*	0.0	13.6	*	0.0	18.7	*
Transient Cerebral Ischemia	2	0.0	1.1	*	0.0	2.5	*	0.0	3.9	*
Stroke	2	0.0	13.8	*	0.0	18.4	*	0.0	22.4	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	25.0	1.9	*	25.0	4.8	*	25.0	8.4	*
Cholecystectomy	1	0.0	0.6	*	0.0	0.9	*	0.0	1.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1991

Total Beds	109
Ownership/Control	Private, Non-Profit

STAFFING:

Medical Residents/Interns	4
Registered Nurses	25
Licensed Practical Nurses	11

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

SACRED HEART HOSPITAL

Medicare Provider Number: 140151

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	72	4.2	5.6	3.5	5.6	8.8	4.6	12.5	11.4	4.0
CONDITIONS:										
Acute Myocardial Infarction	1	100.0	28.3	*	100.0	32.0	*	100.0	37.1	*
Congestive Heart Failure	9	11.1	14.0	*	11.1	21.7	*	22.2	27.8	*
Pneumonia/Influenza	1	0.0	9.2	*	0.0	12.6	*	0.0	15.9	*
Chronic Obstructive Pulmonary Disease	1	0.0	5.8	*	0.0	9.9	*	0.0	13.5	*
Transient Cerebral Ischemia	1	0.0	1.1	*	0.0	2.4	*	0.0	3.7	*
Stroke	3	33.3	14.4	*	33.3	21.1	*	33.3	25.5	*
Hip Fracture	0									
Sepsis	0									
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	1.0	*	0.0	2.4	*	50.0	3.8	*
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	56	1.8	7.0	6.0	3.6	10.7	7.6	7.1	13.7	7.5
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	23.6	*	0.0	25.8	*	0.0	28.7	*
Congestive Heart Failure	7	0.0	10.1	*	0.0	15.5	*	14.3	20.6	*
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	2	0.0	21.6	*	0.0	33.3	*	0.0	40.7	*
Transient Cerebral Ischemia	1	0.0	1.9	*	0.0	3.6	*	0.0	5.5	*
Stroke	3	0.0	20.9	*	0.0	25.6	*	0.0	29.0	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	1	0.0	2.2	*	0.0	3.8	*	0.0	5.4	*
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	6.0	*	0.0	14.1	*	0.0	21.9	*
Cholecystectomy	2	0.0	1.1	*	0.0	1.8	*	0.0	2.3	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SANDWICH COMMUNITY HOSPITAL

11 Pleasant Ave
Sandwich, IL 60548

Medicare Provider Number: 140203

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	398	12.6	10.7	1.9	16.3	16.1	2.2	19.8	20.5	2.1
CONDITIONS:										
Acute Myocardial Infarction	12	16.7	28.8	*	16.7	31.9	*	25.0	35.7	*
Congestive Heart Failure	29	20.7	15.4	*	34.5	23.2	*	41.4	29.9	*
Pneumonia/Influenza	28	39.3	20.4	*	39.3	28.0	*	39.3	33.4	*
Chronic Obstructive Pulmonary Disease	5	0.0	8.3	*	0.0	14.9	*	0.0	19.9	*
Transient Cerebral Ischemia	8	0.0	2.0	*	12.5	4.5	*	12.5	7.2	*
Stroke	5	40.0	21.0	*	40.0	27.3	*	40.0	32.0	*
Hip Fracture	10	10.0	7.4	*	20.0	13.3	*	20.0	17.1	*
Sepsis	2	50.0	32.5	*	50.0	42.8	*	50.0	49.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	5.1	*	0.0	10.4	*	0.0	15.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	3.8	*	0.0	7.6	*	0.0	10.4	*
Open Reduction of Hip Fracture	4	25.0	7.4	*	25.0	13.6	*	25.0	17.5	*
Prostatectomy	12	0.0	1.3	*	0.0	3.1	*	8.3	5.2	*
Cholecystectomy	11	0.0	4.1	*	9.1	7.8	*	9.1	10.5	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	53
Occupancy Rate	38
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	16
Percent of Physicians Board Certified Specialists	81
Medical Residents/Interns	0
Registered Nurses	35
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SANDWICH COMMUNITY HOSPITAL

Medicare Provider Number: 140203

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	470	13.4	10.0	1.9	20.9	14.9	2.9	24.3	18.8	2.7
CONDITIONS:										
Acute Myocardial Infarction	25	24.0	32.6	*	32.0	36.1	*	36.0	39.9	*
Congestive Heart Failure	21	28.6	17.1	*	38.1	25.8	*	38.1	33.1	*
Pneumonia/Influenza	18	27.8	19.4	*	38.9	25.6	*	44.4	30.1	*
Chronic Obstructive Pulmonary Disease	5	20.0	5.9	*	20.0	10.0	*	60.0	13.7	*
Transient Cerebral Ischemia	15	6.7	2.2	*	13.3	5.0	*	13.3	7.9	*
Stroke	18	33.3	21.9	*	44.4	27.8	*	44.4	32.6	*
Hip Fracture	16	18.8	6.6	*	18.8	12.3	*	37.5	16.1	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	6.5	*	0.0	12.3	*	25.0	15.7	*
Open Reduction of Hip Fracture	6	33.3	7.0	*	33.3	13.6	*	33.3	18.2	*
Prostatectomy	26	7.7	1.3	*	7.7	3.2	*	15.4	5.4	*
Cholecystectomy	23	17.4	3.5	*	17.4	6.1	*	17.4	7.7	*
Hysterectomy	6	16.7	2.3	*	16.7	4.4	*	16.7	6.3	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	478	8.6	9.7	2.2	11.5	14.3	4.3	14.6	18.1	5.1
CONDITIONS:										
Acute Myocardial Infarction	18	33.3	30.2	*	33.3	33.3	*	44.4	37.2	*
Congestive Heart Failure	20	10.0	16.6	*	10.0	24.7	*	10.0	31.2	*
Pneumonia/Influenza	24	12.5	15.4	*	16.7	20.9	*	29.2	25.5	*
Chronic Obstructive Pulmonary Disease	2	0.0	5.6	*	0.0	11.7	*	0.0	17.3	*
Transient Cerebral Ischemia	10	0.0	2.0	*	0.0	4.6	*	0.0	7.4	*
Stroke	30	3.3	22.9	*	16.7	29.3	*	16.7	34.2	*
Hip Fracture	21	4.8	7.4	*	9.5	13.6	*	9.5	17.6	*
Sepsis	2	50.0	36.1	*	50.0	41.3	*	50.0	47.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	12.5	8.3	*	12.5	15.5	*	12.5	20.0	*
Open Reduction of Hip Fracture	7	0.0	5.4	*	0.0	10.7	*	0.0	14.6	*
Prostatectomy	19	0.0	1.2	*	5.3	2.9	*	5.3	4.7	*
Cholecystectomy	12	0.0	4.7	*	0.0	7.2	*	8.3	8.5	*
Hysterectomy	1	0.0	0.4	*	0.0	0.9	*	0.0	1.4	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SARAH BUSH LINCOLN HEALTH CENTER

Route 16 P O Box 372
Mattoon, IL 61938

Medicare Provider Number: 140189

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,726	8.6	8.1	1.5	12.3	12.3	1.8	15.8	15.7	1.6
CONDITIONS:										
Acute Myocardial Infarction	51	19.6	26.3	10.6	25.5	29.8	8.9	31.4	33.2	6.9
Congestive Heart Failure	103	12.6	14.6	4.5	19.4	22.7	6.5	26.2	29.5	6.6
Pneumonia/Influenza	88	11.4	15.7	7.2	13.6	21.4	6.3	22.7	25.9	5.1
Chronic Obstructive Pulmonary Disease	17	0.0	7.4	*	5.9	12.6	*	5.9	17.5	*
Transient Cerebral Ischemia	43	2.3	2.3	*	4.7	5.3	*	7.0	8.5	*
Stroke	75	25.3	20.3	7.3	30.7	27.5	6.6	36.0	32.1	7.3
Hip Fracture	79	10.1	7.1	5.0	19.0	12.6	6.4	21.5	16.0	7.0
Sepsis	15	6.7	18.4	*	13.3	24.7	*	13.3	29.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	66.7	8.3	*	66.7	12.8	*	66.7	15.9	*
Carotid Endarterectomy	4	25.0	1.1	*	25.0	2.2	*	25.0	3.2	*
Hip Replacement/Reconstruction	42	0.0	4.2	*	4.8	7.8	*	7.1	10.2	*
Open Reduction of Hip Fracture	39	10.3	6.7	*	20.5	12.3	*	23.1	15.9	*
Prostatectomy	98	1.0	0.7	1.3	2.0	1.8	1.5	5.1	3.1	2.4
Cholecystectomy	32	0.0	2.0	*	3.1	3.3	*	3.1	4.2	*
Hysterectomy	11	0.0	0.5	*	0.0	1.0	*	9.1	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	176
Occupancy Rate	51
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	57
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	0
Registered Nurses	141
Licensed Practical Nurses	13

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

SARAH BUSH LINCOLN HEALTH CENTER

Medicare Provider Number: 140189

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,867	8.7	8.4	1.0	12.9	12.4	1.0	16.0	15.6	1.0
CONDITIONS:										
Acute Myocardial Infarction	70	31.4	29.5	9.9	37.1	33.0	9.6	40.0	36.5	10.7
Congestive Heart Failure	85	18.8	16.8	6.5	29.4	25.0	7.8	32.9	31.7	5.7
Pneumonia/Influenza	83	13.3	17.0	5.5	19.3	23.0	6.5	21.7	27.8	8.6
Chronic Obstructive Pulmonary Disease	28	3.6	6.3	*	17.9	11.7	*	25.0	16.0	*
Transient Cerebral Ischemia	45	0.0	1.9	*	4.4	4.1	*	6.7	6.5	*
Stroke	83	25.3	21.8	5.7	28.9	28.6	5.7	30.1	33.0	5.5
Hip Fracture	58	6.9	6.1	4.0	10.3	11.0	5.0	17.2	14.3	6.4
Sepsis	14	14.3	27.9	*	14.3	34.8	*	14.3	40.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	2.5	*	0.0	4.6	*	0.0	6.7	*
Carotid Endarterectomy	6	0.0	1.7	*	0.0	3.4	*	0.0	5.2	*
Hip Replacement/Reconstruction	36	5.6	3.5	*	5.6	6.7	*	13.9	8.8	*
Open Reduction of Hip Fracture	33	9.1	5.7	*	15.2	10.7	*	18.2	14.1	*
Prostatectomy	99	2.0	0.9	1.3	5.1	2.2	2.5	6.1	3.6	3.3
Cholecystectomy	48	2.1	3.7	*	6.3	6.7	*	6.3	8.6	*
Hysterectomy	10	0.0	0.6	*	0.0	1.3	*	0.0	1.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,750	9.1	8.4	1.1	13.4	12.6	1.0	16.4	15.9	0.9
CONDITIONS:										
Acute Myocardial Infarction	56	35.7	28.1	6.8	42.9	31.6	7.7	48.2	35.2	8.9
Congestive Heart Failure	121	11.6	16.1	6.6	19.8	24.3	7.5	24.8	31.2	8.2
Pneumonia/Influenza	86	8.1	16.7	6.7	14.0	22.4	7.1	18.6	27.1	7.1
Chronic Obstructive Pulmonary Disease	26	3.8	5.5	*	11.5	10.2	*	15.4	14.3	*
Transient Cerebral Ischemia	34	5.9	2.2	*	5.9	4.9	*	8.8	7.7	*
Stroke	77	24.7	24.3	5.0	31.2	31.2	5.5	32.5	35.7	7.3
Hip Fracture	64	12.5	7.5	5.1	17.2	13.6	5.0	21.9	17.4	5.6
Sepsis	8	12.5	26.3	*	37.5	32.4	*	37.5	37.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.6	*	0.0	4.6	*	0.0	6.3	*
Carotid Endarterectomy	3	0.0	1.4	*	0.0	2.7	*	0.0	3.8	*
Hip Replacement/Reconstruction	28	3.6	5.3	*	10.7	10.0	*	14.3	13.1	*
Open Reduction of Hip Fracture	33	12.1	6.7	*	15.2	12.7	*	21.2	16.7	*
Prostatectomy	107	0.0	1.0	1.3	1.9	2.5	1.6	4.7	4.1	2.1
Cholecystectomy	54	1.9	1.7	1.8	3.7	3.0	2.6	5.6	3.8	3.6
Hysterectomy	10	0.0	0.5	*	0.0	0.8	*	0.0	1.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SARAH D CULBERTSON MEMORIAL HOSPITAL

238 S Congress
Rushville, IL 62681

Medicare Provider Number: 140003

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	404	11.9	9.3	3.3	18.1	14.1	5.3	20.5	18.1	3.8
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	24.6	*	42.9	27.1	*	42.9	30.2	*
Congestive Heart Failure	35	14.3	14.3	*	28.6	21.3	*	34.3	27.5	*
Pneumonia/Influenza	35	20.0	16.3	*	25.7	22.0	*	34.3	26.5	*
Chronic Obstructive Pulmonary Disease	12	0.0	3.8	*	8.3	7.9	*	8.3	11.9	*
Transient Cerebral Ischemia	16	0.0	1.7	*	0.0	3.9	*	6.3	6.3	*
Stroke	21	33.3	19.3	*	38.1	25.5	*	38.1	30.0	*
Hip Fracture	1	0.0	6.0	*	0.0	11.2	*	0.0	14.9	*
Sepsis	2	50.0	22.2	*	50.0	26.2	*	50.0	31.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	1.0	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	58
Occupancy Rate	57
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	10
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	17
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SARAH D CULBERTSON MEMORIAL HOSPITAL

Medicare Provider Number: 140003

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	401	12.7	11.3	1.9	16.7	16.3	1.9	20.9	20.4	2.2
CONDITIONS:										
Acute Myocardial Infarction	19	26.3	29.8	*	26.3	33.8	*	42.1	37.2	*
Congestive Heart Failure	38	26.3	17.1	*	34.2	25.6	*	39.5	32.5	*
Pneumonia/Influenza	25	12.0	15.2	*	16.0	20.5	*	20.0	24.8	*
Chronic Obstructive Pulmonary Disease	12	8.3	6.9	*	8.3	11.4	*	16.7	15.5	*
Transient Cerebral Ischemia	12	8.3	2.1	*	8.3	5.0	*	16.7	8.0	*
Stroke	29	24.1	19.1	*	31.0	25.9	*	34.5	30.8	*
Hip Fracture	1	0.0	5.8	*	0.0	10.6	*	0.0	13.8	*
Sepsis	3	33.3	31.9	*	33.3	37.5	*	33.3	43.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.7	*	0.0	1.9	*	0.0	3.6	*
Cholecystectomy	3	0.0	1.0	*	0.0	1.7	*	0.0	2.3	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	457	12.9	12.2	5.0	20.4	17.5	6.0	24.1	21.8	4.8
CONDITIONS:										
Acute Myocardial Infarction	25	44.0	38.1	*	56.0	42.6	*	60.0	46.5	*
Congestive Heart Failure	32	15.6	17.8	*	28.1	26.5	*	43.8	33.7	*
Pneumonia/Influenza	41	9.8	18.3	*	24.4	24.4	*	31.7	29.4	*
Chronic Obstructive Pulmonary Disease	12	0.0	5.7	*	0.0	10.3	*	8.3	14.6	*
Transient Cerebral Ischemia	14	14.3	2.3	*	14.3	5.5	*	14.3	8.9	*
Stroke	17	23.5	21.2	*	29.4	27.7	*	29.4	32.6	*
Hip Fracture	0									
Sepsis	4	0.0	26.3	*	0.0	33.2	*	0.0	38.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	2.4	*	0.0	4.3	*	0.0	5.2	*
Hysterectomy	2	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SAVANNA CITY HOSPITAL

1125 N Fifth St
Savanna, IL 61074

Medicare Provider Number: 140229

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	152	19.1	12.7	7.6	25.0	17.9	9.2	29.6	22.1	11.4
CONDITIONS:										
Acute Myocardial Infarction	13	30.8	34.6	*	30.8	37.9	*	30.8	41.6	*
Congestive Heart Failure	13	30.8	15.1	*	46.2	23.2	*	53.8	30.1	*
Pneumonia/Influenza	8	25.0	13.4	*	25.0	18.3	*	37.5	22.3	*
Chronic Obstructive Pulmonary Disease	4	0.0	8.6	*	0.0	14.0	*	0.0	18.7	*
Transient Cerebral Ischemia	3	0.0	2.3	*	0.0	4.6	*	0.0	6.8	*
Stroke	6	33.3	14.3	*	33.3	19.2	*	33.3	23.0	*
Hip Fracture	8	0.0	5.9	*	0.0	10.6	*	0.0	13.8	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	5.6	*	0.0	10.5	*	0.0	13.8	*
Open Reduction of Hip Fracture	2	0.0	5.0	*	0.0	9.2	*	0.0	11.9	*
Prostatectomy	0									
Cholecystectomy	2	0.0	2.2	*	0.0	3.9	*	0.0	5.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	34
Occupancy Rate	21
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SAVANNA CITY HOSPITAL

Medicare Provider Number: 140229

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	168	13.1	10.5	2.6	19.0	16.0	3.2	23.8	20.2	3.5
CONDITIONS:										
Acute Myocardial Infarction	9	22.2	26.9	*	22.2	30.1	*	33.3	33.5	*
Congestive Heart Failure	15	26.7	17.1	*	46.7	26.2	*	53.3	33.5	*
Pneumonia/Influenza	7	14.3	16.3	*	14.3	21.5	*	14.3	25.7	*
Chronic Obstructive Pulmonary Disease	4	50.0	7.6	*	75.0	13.9	*	75.0	19.7	*
Transient Cerebral Ischemia	4	0.0	2.3	*	0.0	5.4	*	25.0	8.5	*
Stroke	5	20.0	25.7	*	20.0	32.7	*	40.0	37.9	*
Hip Fracture	6	16.7	8.9	*	16.7	13.5	*	16.7	16.4	*
Sepsis	1	100.0	33.1	*	100.0	44.1	*	100.0	51.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	5.5	*	33.3	9.4	*	33.3	12.8	*
Open Reduction of Hip Fracture	4	25.0	9.6	*	25.0	15.2	*	25.0	18.5	*
Prostatectomy	1	0.0	1.2	*	0.0	3.0	*	0.0	5.0	*
Cholecystectomy	2	0.0	1.0	*	0.0	1.7	*	0.0	2.3	*
Hysterectomy	2	0.0	0.6	*	0.0	1.4	*	0.0	2.0	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	149	17.4	12.3	3.7	20.8	17.9	3.6	24.8	22.4	3.8
CONDITIONS:										
Acute Myocardial Infarction	9	22.2	27.6	*	33.3	30.4	*	33.3	33.7	*
Congestive Heart Failure	15	26.7	15.5	*	26.7	23.7	*	26.7	30.6	*
Pneumonia/Influenza	12	41.7	17.9	*	41.7	23.5	*	50.0	28.1	*
Chronic Obstructive Pulmonary Disease	2	50.0	16.2	*	50.0	33.5	*	50.0	45.1	*
Transient Cerebral Ischemia	1	0.0	1.2	*	0.0	2.5	*	0.0	3.9	*
Stroke	5	60.0	31.0	*	60.0	39.5	*	60.0	45.0	*
Hip Fracture	8	0.0	5.6	*	0.0	10.3	*	0.0	13.6	*
Sepsis	1	0.0	8.3	*	0.0	11.9	*	0.0	15.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	5.1	*	0.0	9.3	*	0.0	11.8	*
Open Reduction of Hip Fracture	2	0.0	5.0	*	0.0	9.1	*	0.0	11.9	*
Prostatectomy	2	0.0	0.3	*	0.0	0.6	*	0.0	1.1	*
Cholecystectomy	1	0.0	0.0	*	0.0	0.1	*	0.0	0.1	*
Hysterectomy	1	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SHELBY MEMORIAL HOSPITAL

200 S Cedar St
Shelbyville, IL 62565

Medicare Provider Number: 140019

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	499	6.2	9.7	4.4	10.6	14.7	5.6	12.8	18.7	7.6
CONDITIONS:										
Acute Myocardial Infarction	10	40.0	24.6	*	50.0	28.5	*	50.0	32.5	*
Congestive Heart Failure	30	13.3	15.8	*	30.0	25.2	*	33.3	32.6	*
Pneumonia/Influenza	43	9.3	15.3	*	18.6	21.6	*	18.6	26.2	*
Chronic Obstructive Pulmonary Disease	14	0.0	4.2	*	0.0	8.6	*	0.0	12.8	*
Transient Cerebral Ischemia	15	6.7	1.4	*	6.7	3.2	*	6.7	5.2	*
Stroke	12	8.3	23.6	*	41.7	31.2	*	41.7	36.4	*
Hip Fracture	4	0.0	7.2	*	0.0	13.8	*	0.0	18.4	*
Sepsis	10	10.0	29.4	*	20.0	39.9	*	20.0	47.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	5.9	*	0.0	11.5	*	0.0	15.3	*
Open Reduction of Hip Fracture	2	0.0	5.9	*	0.0	11.4	*	0.0	15.3	*
Prostatectomy	0									
Cholecystectomy	9	0.0	1.9	*	0.0	2.9	*	0.0	3.6	*
Hysterectomy	0									

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	70
Occupancy Rate	59
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	10
Percent of Physicians Board Certified Specialists	60
Medical Residents/Interns	0
Registered Nurses	31
Licensed Practical Nurses	14

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

****Not used in calculating hospital mortality rates.**

SHELBY MEMORIAL HOSPITAL

Medicare Provider Number: 140019

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	552	6.9	8.6	1.4	10.1	13.3	2.0	12.9	17.2	2.5
CONDITIONS:										
Acute Myocardial Infarction	12	50.0	35.7	*	58.3	40.6	*	58.3	44.8	*
Congestive Heart Failure	38	15.8	16.0	*	23.7	24.6	*	26.3	31.7	*
Pneumonia/Influenza	51	5.9	17.1	7.3	7.8	23.8	8.8	15.7	28.6	8.6
Chronic Obstructive Pulmonary Disease	8	0.0	3.4	*	0.0	6.8	*	0.0	9.9	*
Transient Cerebral Ischemia	22	0.0	2.3	*	9.1	5.3	*	9.1	8.6	*
Stroke	24	20.8	28.7	*	25.0	37.1	*	29.2	42.7	*
Hip Fracture	5	0.0	8.9	*	20.0	16.7	*	20.0	21.3	*
Sepsis	1	0.0	25.5	*	0.0	30.5	*	0.0	36.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	6.9	*	0.0	11.3	*	0.0	14.8	*
Open Reduction of Hip Fracture	4	0.0	8.6	*	25.0	16.8	*	25.0	21.8	*
Prostatectomy	0									
Cholecystectomy	2	0.0	2.2	*	0.0	4.2	*	0.0	5.5	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	523	7.1	9.3	4.6	10.3	14.5	8.3	13.4	18.8	12.1
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	27.4	*	42.9	30.7	*	42.9	34.5	*
Congestive Heart Failure	40	15.0	17.7	*	22.5	27.2	*	30.0	34.6	*
Pneumonia/Influenza	33	9.1	14.8	*	15.2	20.4	*	15.2	25.0	*
Chronic Obstructive Pulmonary Disease	8	12.5	9.0	*	12.5	16.3	*	12.5	22.6	*
Transient Cerebral Ischemia	17	0.0	2.7	*	0.0	6.1	*	5.9	9.7	*
Stroke	23	17.4	26.7	*	17.4	34.6	*	21.7	40.2	*
Hip Fracture	6	0.0	9.4	*	0.0	15.5	*	0.0	19.6	*
Sepsis	6	16.7	33.9	*	33.3	44.4	*	50.0	51.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	6	0.0	8.2	*	0.0	14.3	*	0.0	18.4	*
Prostatectomy	0									
Cholecystectomy	3	0.0	3.3	*	0.0	5.6	*	0.0	7.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SHERMAN HOSPITAL

934 Center Street
Elgin, IL 60120

Medicare Provider Number: 140030

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,111	9.3	8.4	1.0	14.3	12.8	1.0	17.7	16.3	1.1
CONDITIONS:										
Acute Myocardial Infarction	69	26.1	22.1	5.4	30.4	25.4	5.7	33.3	28.7	5.8
Congestive Heart Failure	121	19.8	15.1	6.7	26.4	23.6	8.2	36.4	30.6	9.2
Pneumonia/Influenza	77	13.0	16.2	5.3	19.5	22.0	6.7	22.1	26.6	9.0
Chronic Obstructive Pulmonary Disease	26	3.8	6.9	*	19.2	12.2	*	30.8	16.8	*
Transient Cerebral Ischemia	44	0.0	1.9	*	0.0	4.2	*	4.5	6.6	*
Stroke	81	22.2	19.5	5.6	30.9	25.6	6.9	32.1	29.9	5.5
Hip Fracture	41	7.3	6.0	*	9.8	11.0	*	12.2	14.3	*
Sepsis	27	29.6	25.3	*	33.3	34.0	*	48.1	40.3	*
PROCEDURES:										
Angioplasty	52	7.7	3.4	4.6	7.7	4.4	5.2	7.7	5.5	5.6
Coronary Artery Bypass Graft	55	7.3	4.6	4.3	9.1	6.6	4.4	9.1	7.9	4.5
Initial Pacemaker Insertion	6	16.7	2.3	*	16.7	4.6	*	16.7	6.9	*
Carotid Endarterectomy	25	0.0	1.6	*	0.0	3.1	*	0.0	4.7	*
Hip Replacement/Reconstruction	40	0.0	1.9	*	0.0	3.5	*	0.0	4.8	*
Open Reduction of Hip Fracture	21	14.3	5.4	*	19.0	10.4	*	19.0	13.8	*
Prostatectomy	57	0.0	1.5	*	0.0	3.1	*	0.0	4.9	*
Cholecystectomy	44	2.3	2.5	*	4.5	4.3	*	4.5	5.6	*
Hysterectomy	19	5.3	0.8	*	5.3	1.7	*	5.3	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	331
Occupancy Rate	61
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	264
Percent of Physicians Board Certified Specialists	62
Medical Residents/Interns	0
Registered Nurses	331
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

SHERMAN HOSPITAL

Medicare Provider Number: 140030

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,374	8.8	8.6	0.8	14.2	13.0	1.2	17.4	16.6	1.4
CONDITIONS:										
Acute Myocardial Infarction	55	23.6	26.1	7.3	29.1	29.2	6.9	32.7	32.6	6.4
Congestive Heart Failure	120	11.7	15.4	5.4	23.3	23.2	3.9	24.2	29.7	4.9
Pneumonia/Influenza	92	20.7	18.7	4.4	30.4	25.1	5.0	40.2	30.0	6.6
Chronic Obstructive Pulmonary Disease	24	4.2	8.5	*	16.7	14.7	*	16.7	20.1	*
Transient Cerebral Ischemia	57	3.5	2.3	*	7.0	5.1	*	8.8	7.9	*
Stroke	90	26.7	23.9	5.1	30.0	31.3	5.7	34.4	36.3	5.9
Hip Fracture	50	10.0	7.1	*	12.0	12.9	*	18.0	16.6	*
Sepsis	27	18.5	29.2	*	29.6	38.0	*	33.3	44.0	*
PROCEDURES:										
Angioplasty	49	6.1	3.8	*	8.2	4.7	*	8.2	5.7	*
Coronary Artery Bypass Graft	67	4.5	5.9	3.3	6.0	8.8	4.6	6.0	10.6	5.1
Initial Pacemaker Insertion	10	20.0	3.2	*	20.0	5.9	*	20.0	8.4	*
Carotid Endarterectomy	29	0.0	1.8	*	0.0	3.4	*	6.9	5.1	*
Hip Replacement/Reconstruction	40	5.0	2.1	*	5.0	4.2	*	10.0	5.7	*
Open Reduction of Hip Fracture	19	5.3	5.9	*	10.5	11.8	*	10.5	15.9	*
Prostatectomy	71	2.8	0.9	1.5	5.6	2.3	2.6	8.5	3.9	3.8
Cholecystectomy	46	4.3	3.5	*	6.5	6.6	*	8.7	8.7	*
Hysterectomy	25	0.0	0.8	*	0.0	1.6	*	4.0	2.4	*

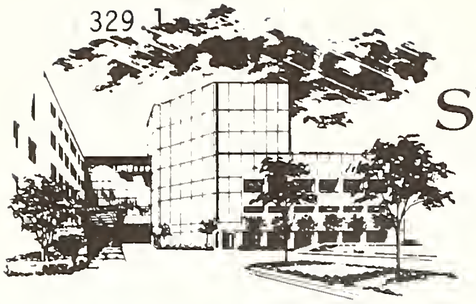
* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,230	10.3	9.2	1.7	14.3	14.0	3.1	17.5	17.7	3.8
CONDITIONS:										
Acute Myocardial Infarction	80	38.7	29.1	9.9	41.2	32.4	10.3	45.0	35.8	9.7
Congestive Heart Failure	131	22.1	17.0	5.8	26.7	25.5	5.1	32.8	32.5	4.3
Pneumonia/Influenza	75	18.7	18.3	4.8	21.3	24.3	5.1	22.7	29.1	6.0
Chronic Obstructive Pulmonary Disease	44	4.5	12.0	*	18.2	19.3	*	27.3	25.2	*
Transient Cerebral Ischemia	46	4.3	2.1	*	8.7	4.6	*	10.9	7.1	*
Stroke	79	20.3	21.1	6.1	29.1	27.7	5.7	31.6	32.2	5.6
Hip Fracture	39	10.3	8.0	*	15.4	13.9	*	20.5	17.6	*
Sepsis	19	26.3	30.5	*	26.3	39.7	*	36.8	46.5	*
PROCEDURES:										
Angioplasty	35	14.3	5.4	*	17.1	6.6	*	17.1	8.0	*
Coronary Artery Bypass Graft	35	8.6	6.0	*	14.3	8.2	*	14.3	9.4	*
Initial Pacemaker Insertion	5	0.0	3.7	*	0.0	7.9	*	0.0	11.8	*
Carotid Endarterectomy	20	5.0	1.8	*	5.0	3.6	*	5.0	5.2	*
Hip Replacement/Reconstruction	37	8.1	2.7	*	10.8	5.2	*	10.8	7.1	*
Open Reduction of Hip Fracture	18	11.1	7.6	*	16.7	14.0	*	16.7	18.0	*
Prostatectomy	53	0.0	1.2	*	0.0	2.9	*	0.0	4.8	*
Cholecystectomy	57	7.0	4.8	4.2	7.0	8.5	4.4	8.8	10.9	5.2
Hysterectomy	28	0.0	0.9	*	0.0	1.8	*	0.0	2.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

329.1



Sherman Hospital
934 Center Street / Elgin, Illinois 60120-2198
Phone: 708 / 742-9800

January 7, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Provider No: 140030

Dear Mrs. Kappert:

We appreciate the opportunity to comment on the hospital mortality data prior to its release in the spring of 1991.

Attached is the commentary which we request that you publish along with HCFA's mortality rates for the fiscal years 1987, 1988, and 1989.

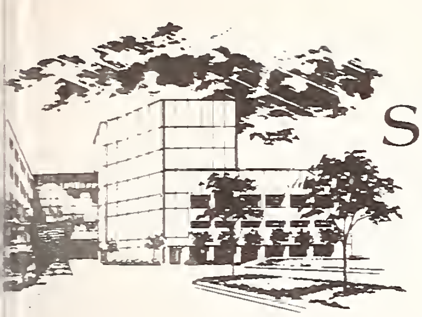
Sincerely,

SHERMAN HOSPITAL

John A. Graham

John A. Graham
President

JAG:jw
attachment



Sherman Hospital
934 Center Street / Elgin, Illinois 60120-2198
Phone: 708 / 742-9800

PROVIDER NO: 140030

Sherman Hospital's mortality rates for the conditions and procedures listed are not statistically different from the national averages for all three years presented. After analysis of the data, the difference between the observed and predicted mortality rates is not meaningful in all categories for which a standard deviation was calculated.

Because of the changes in how the data was presented it is even more important that the data be analyzed prior to the drawing of conclusions. For example, Health Care Financing Administration did not include a range of predicted mortality which at a quick glance allowed the reader to determine that a given hospital was either within, above or below the range. Instead a standard deviation is provided to be used to calculate how "meaningful" the differences are between an institution's observed and predicted mortality rate as compared to national norms. This data presentation is not nearly as "reader friendly" as in prior years. Also, by measuring mortality within 180 days of a hospital admission there is no way to fairly assess the quality of hospital care using mortality rates of patients who died from causes which may be unrelated to the hopsital stay. Quality judgments can only be made after reviewing the information contained in a patient's medical record.

Sherman Hospital provides specialized treatment for patients in several of the reported categories. Our cardiac diagnostic center including heart catheterizations, coronary angioplasty and open heart surgery, as well as our renal disease center, are well known throughout the area we serve. Our Medicare case mix index which measures patient severity of illness is high compared to the hospitals within our Metropolitan region.

At Sherman Hospital quality is of the utmost concern to the Board, the Medical Staff and Management of the hospital. Under the hospital Quality Assurance program every patient is reviewed to make certain the care given is appropriate. Numerous clinical indicators are utilized to perform these reviews, some of which are mortality, infection rates, surgical complications, readmissions, etc. The 1989 mortality data released by HCFA will be studied and used as a tool to assist the hospital in its ongoing assessment of the quality of patient care provided.

SILVER CROSS HOSPITAL

1200 Maple Rd
Joliet, IL 60432

Medicare Provider Number: 140213

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1,915	7.9	8.8	1.0	13.6	13.6	1.1	17.3	17.4	1.3
CONDITIONS:										
Acute Myocardial Infarction	41	12.2	25.2	*	22.0	27.9	*	24.4	30.9	*
Congestive Heart Failure	101	15.8	13.4	4.9	26.7	20.8	7.9	34.7	27.1	8.9
Pneumonia/Influenza	129	17.8	17.4	3.3	29.5	23.6	5.8	35.7	28.3	5.1
Chronic Obstructive Pulmonary Disease	11	0.0	4.8	*	0.0	9.6	*	9.1	13.9	*
Transient Cerebral Ischemia	60	1.7	2.1	1.9	1.7	4.7	3.7	5.0	7.4	5.0
Stroke	69	8.7	19.1	7.1	17.4	26.0	6.9	21.7	30.6	7.3
Hip Fracture	50	4.0	6.6	*	12.0	11.2	*	20.0	14.2	*
Sepsis	22	13.6	22.5	*	18.2	30.7	*	22.7	36.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	21	4.8	3.6	*	4.8	6.1	*	9.5	8.4	*
Carotid Endarterectomy	14	0.0	1.8	*	0.0	3.6	*	0.0	5.5	*
Hip Replacement/Reconstruction	19	0.0	5.0	*	5.3	9.0	*	15.8	11.8	*
Open Reduction of Hip Fracture	13	0.0	6.8	*	0.0	11.7	*	15.4	14.8	*
Prostatectomy	47	0.0	1.0	*	2.1	2.3	*	4.3	3.9	*
Cholecystectomy	29	3.4	4.9	*	13.8	9.4	*	13.8	12.5	*
Hysterectomy	11	0.0	0.5	*	0.0	1.0	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	265
Occupancy Rate	71
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	216
Percent of Physicians Board Certified Specialists	82
Medical Residents/Interns	0
Registered Nurses	248
Licensed Practical Nurses	21

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

SILVER CROSS HOSPITAL

Medicare Provider Number: 140213

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,999	9.3	9.5	0.7	13.8	14.7	1.0	17.7	18.7	1.2
CONDITIONS:										
Acute Myocardial Infarction	45	22.2	29.1	*	31.1	32.3	*	33.3	35.8	*
Congestive Heart Failure	121	15.7	14.4	3.4	26.4	22.3	5.1	33.1	29.0	5.3
Pneumonia/Influenza	114	21.9	16.3	6.4	28.1	21.8	6.7	33.3	26.3	7.1
Chronic Obstructive Pulmonary Disease	11	9.1	4.8	*	9.1	10.2	*	9.1	15.4	*
Transient Cerebral Ischemia	63	0.0	2.2	2.4	0.0	4.7	4.0	1.6	7.4	4.5
Stroke	62	27.4	23.1	7.4	32.3	29.6	6.2	35.5	34.3	6.2
Hip Fracture	44	0.0	7.9	*	2.3	14.1	*	6.8	17.9	*
Sepsis	22	9.1	20.2	*	13.6	27.3	*	22.7	32.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	16	18.8	6.4	*	25.0	10.3	*	31.3	13.8	*
Carotid Endarterectomy	15	0.0	2.2	*	0.0	4.2	*	0.0	6.1	*
Hip Replacement/Reconstruction	24	0.0	5.2	*	0.0	9.6	*	4.2	12.4	*
Open Reduction of Hip Fracture	16	0.0	8.4	*	0.0	15.6	*	0.0	20.1	*
Prostatectomy	62	1.6	1.4	1.5	1.6	3.2	2.6	3.2	5.2	3.9
Cholecystectomy	34	5.9	4.1	*	8.8	7.4	*	17.6	9.8	*
Hysterectomy	14	0.0	0.9	*	0.0	1.8	*	0.0	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,870	10.1	8.9	1.9	14.6	13.9	2.0	17.7	17.9	1.9
CONDITIONS:										
Acute Myocardial Infarction	38	44.7	29.2	*	44.7	31.9	*	47.4	35.0	*
Congestive Heart Failure	112	20.5	15.9	5.6	29.5	24.5	5.0	32.1	31.6	4.5
Pneumonia/Influenza	93	25.8	18.4	7.7	32.3	24.7	7.8	35.5	29.8	7.9
Chronic Obstructive Pulmonary Disease	18	5.6	4.0	*	5.6	7.9	*	5.6	11.5	*
Transient Cerebral Ischemia	55	0.0	2.1	2.6	1.8	4.4	3.5	5.5	6.7	3.9
Stroke	71	23.9	21.9	5.5	31.0	28.0	6.7	33.8	32.3	6.6
Hip Fracture	50	4.0	7.5	*	10.0	13.1	*	12.0	16.7	*
Sepsis	14	35.7	21.9	*	50.0	29.0	*	50.0	34.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	0.0	3.7	*	0.0	7.3	*	0.0	10.7	*
Carotid Endarterectomy	8	0.0	2.2	*	0.0	4.3	*	0.0	6.3	*
Hip Replacement/Reconstruction	30	3.3	4.3	*	3.3	7.6	*	3.3	9.8	*
Open Reduction of Hip Fracture	16	6.3	6.3	*	12.5	11.8	*	12.5	15.4	*
Prostatectomy	64	0.0	1.2	*	0.0	2.7	*	0.0	4.4	*
Cholecystectomy	37	2.7	3.4	*	8.1	5.9	*	8.1	7.4	*
Hysterectomy	12	0.0	1.3	*	0.0	3.0	*	0.0	4.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SOUTH CHICAGO COMMUNITY HOSPITAL

2320 E 93rd St
Chicago, IL 60617

Medicare Provider Number: 140048

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,844	8.4	8.2	0.7	13.3	12.5	1.0	16.6	16.0	1.1
CONDITIONS:										
Acute Myocardial Infarction	51	35.3	28.3	10.2	39.2	32.3	9.5	41.2	36.2	8.3
Congestive Heart Failure	148	12.8	15.2	3.2	19.6	23.5	4.1	22.3	30.3	5.7
Pneumonia/Influenza	64	15.6	14.6	4.7	20.3	19.9	5.1	25.0	24.4	5.6
Chronic Obstructive Pulmonary Disease	10	0.0	6.8	*	0.0	11.2	*	10.0	15.2	*
Transient Cerebral Ischemia	40	2.5	1.7	*	2.5	3.7	*	5.0	6.0	*
Stroke	75	10.7	17.7	5.3	20.0	23.4	5.3	29.3	27.5	5.3
Hip Fracture	19	5.3	5.9	*	15.8	10.5	*	21.1	13.6	*
Sepsis	22	36.4	33.5	*	45.5	41.5	*	45.5	48.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	44	2.3	2.7	*	9.1	5.7	*	13.6	8.8	*
Carotid Endarterectomy	3	0.0	1.4	*	0.0	2.4	*	0.0	3.6	*
Hip Replacement/Reconstruction	4	0.0	1.1	*	0.0	2.1	*	0.0	2.8	*
Open Reduction of Hip Fracture	15	6.7	5.4	*	20.0	10.3	*	26.7	13.6	*
Prostatectomy	66	1.5	1.0	1.7	3.0	2.4	2.2	3.0	4.0	2.9
Cholecystectomy	24	4.2	3.0	*	8.3	5.5	*	12.5	7.4	*
Hysterectomy	6	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	385
Occupancy Rate	59
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SOUTH CHICAGO COMMUNITY HOSPITAL

Medicare Provider Number: 140048

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,041	9.1	9.3	0.7	14.4	13.9	0.8	17.9	17.6	0.9
CONDITIONS:										
Acute Myocardial Infarction	55	30.9	26.2	9.7	36.4	29.3	11.1	36.4	32.9	11.8
Congestive Heart Failure	157	14.0	15.6	3.2	22.9	24.1	3.6	27.4	30.9	5.0
Pneumonia/Influenza	57	15.8	18.3	5.9	26.3	24.7	6.2	31.6	29.7	8.9
Chronic Obstructive Pulmonary Disease	10	10.0	10.2	*	20.0	17.3	*	30.0	22.6	*
Transient Cerebral Ischemia	48	2.1	2.1	*	8.3	4.8	*	14.6	7.6	*
Stroke	82	19.5	22.3	6.2	26.8	28.5	5.6	26.8	33.0	6.6
Hip Fracture	22	4.5	5.8	*	4.5	10.2	*	9.1	13.2	*
Sepsis	20	30.0	38.8	*	35.0	46.6	*	45.0	53.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	1	0.0	4.3	*	100.0	9.4	*	100.0	14.1	*
Initial Pacemaker Insertion	27	0.0	5.1	*	7.4	9.4	*	11.1	13.4	*
Carotid Endarterectomy	1	0.0	1.6	*	0.0	3.1	*	0.0	4.7	*
Hip Replacement/Reconstruction	7	0.0	4.6	*	0.0	8.3	*	0.0	10.7	*
Open Reduction of Hip Fracture	10	10.0	5.3	*	10.0	10.2	*	20.0	13.5	*
Prostatectomy	63	0.0	1.2	1.7	4.8	2.8	2.8	6.3	4.6	2.9
Cholecystectomy	34	8.8	4.4	*	14.7	8.2	*	14.7	10.9	*
Hysterectomy	6	0.0	2.3	*	0.0	4.1	*	0.0	5.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,966	9.1	10.1	1.6	14.0	15.0	2.0	17.1	18.8	1.8
CONDITIONS:										
Acute Myocardial Infarction	61	29.5	33.9	9.2	34.4	38.2	8.9	39.3	42.2	9.5
Congestive Heart Failure	170	12.4	16.5	3.7	21.8	24.6	3.9	25.9	31.3	4.7
Pneumonia/Influenza	56	19.6	18.5	5.3	25.0	24.9	6.4	28.6	29.9	6.3
Chronic Obstructive Pulmonary Disease	23	4.3	16.2	*	13.0	23.8	*	17.4	29.5	*
Transient Cerebral Ischemia	38	2.6	1.7	*	5.3	3.7	*	7.9	5.9	*
Stroke	76	31.6	21.5	6.8	36.8	27.7	9.2	43.4	32.2	9.5
Hip Fracture	19	5.3	5.6	*	15.8	10.0	*	21.1	13.1	*
Sepsis	32	34.4	37.0	*	43.8	45.6	*	50.0	52.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	28	3.6	4.7	*	10.7	8.6	*	17.9	11.9	*
Carotid Endarterectomy	3	0.0	1.7	*	0.0	3.0	*	0.0	4.3	*
Hip Replacement/Reconstruction	10	0.0	2.0	*	0.0	3.8	*	0.0	5.0	*
Open Reduction of Hip Fracture	9	11.1	6.0	*	22.2	11.0	*	33.3	14.2	*
Prostatectomy	56	1.8	1.5	1.9	3.6	3.7	3.5	8.9	6.2	4.6
Cholecystectomy	29	10.3	2.9	*	10.3	5.4	*	10.3	7.3	*
Hysterectomy	8	0.0	0.8	*	0.0	1.8	*	0.0	2.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SOUTH SHORE HOSPITAL

8015 South Crandon
Chicago, IL 60617

Medicare Provider Number: 140181

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	659	8.8	10.3	1.7	14.3	15.5	1.6	18.2	19.6	1.8
CONDITIONS:										
Acute Myocardial Infarction	19	42.1	31.1	*	47.4	34.4	*	52.6	38.2	*
Congestive Heart Failure	52	11.5	15.0	6.3	17.3	23.5	8.3	23.1	30.4	10.0
Pneumonia/Influenza	22	9.1	15.7	*	18.2	21.0	*	18.2	25.5	*
Chronic Obstructive Pulmonary Disease	7	0.0	5.5	*	0.0	10.3	*	0.0	15.2	*
Transient Cerebral Ischemia	18	0.0	2.1	*	5.6	4.6	*	5.6	7.3	*
Stroke	58	12.1	18.0	8.7	19.0	24.2	10.5	24.1	28.6	8.8
Hip Fracture	5	0.0	8.4	*	20.0	14.1	*	40.0	17.6	*
Sepsis	4	0.0	20.0	*	25.0	27.0	*	25.0	33.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	5.3	*	0.0	10.4	*	0.0	15.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	3.9	*	25.0	6.9	*	25.0	8.9	*
Open Reduction of Hip Fracture	1	0.0	13.8	*	0.0	23.7	*	100.0	28.8	*
Prostatectomy	14	7.1	1.8	*	7.1	4.2	*	14.3	6.6	*
Cholecystectomy	8	0.0	1.7	*	12.5	2.6	*	25.0	3.4	*
Hysterectomy	2	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	170
Occupancy Rate	52
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	94
Percent of Physicians Board Certified Specialists	51
Medical Residents/Interns	0
Registered Nurses	66
Licensed Practical Nurses	18

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SOUTH SHORE HOSPITAL

Medicare Provider Number: 140181

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	684	9.5	11.9	1.6	16.5	17.4	1.6	20.8	21.8	1.7
CONDITIONS:										
Acute Myocardial Infarction	19	26.3	37.6	*	26.3	41.4	*	36.8	45.4	*
Congestive Heart Failure	57	10.5	17.0	7.5	17.5	26.5	10.4	24.6	33.8	11.2
Pneumonia/Influenza	18	11.1	18.9	*	22.2	26.1	*	22.2	31.5	*
Chronic Obstructive Pulmonary Disease	1	100.0	23.0	*	100.0	51.6	*	100.0	73.0	*
Transient Cerebral Ischemia	12	0.0	1.8	*	0.0	4.1	*	0.0	6.6	*
Stroke	37	13.5	19.9	*	18.9	25.7	*	21.6	30.2	*
Hip Fracture	5	20.0	6.5	*	40.0	10.7	*	40.0	13.3	*
Sepsis	10	40.0	34.8	*	40.0	42.5	*	40.0	48.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	4.5	*	0.0	7.0	*	0.0	8.7	*
Open Reduction of Hip Fracture	1	100.0	8.7	*	100.0	14.4	*	100.0	17.3	*
Prostatectomy	14	0.0	3.7	*	14.3	7.2	*	21.4	11.1	*
Cholecystectomy	3	0.0	5.0	*	0.0	8.8	*	0.0	10.7	*
Hysterectomy	6	0.0	1.1	*	0.0	2.2	*	0.0	3.4	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	602	9.5	11.2	1.8	14.5	16.6	2.0	18.9	20.8	2.0
CONDITIONS:										
Acute Myocardial Infarction	13	7.7	32.3	*	7.7	35.3	*	15.4	39.1	*
Congestive Heart Failure	52	7.7	17.7	8.7	17.3	27.0	9.2	25.0	34.4	9.6
Pneumonia/Influenza	17	17.6	20.1	*	23.5	27.5	*	35.3	33.2	*
Chronic Obstructive Pulmonary Disease	8	0.0	12.2	*	25.0	19.6	*	25.0	25.0	*
Transient Cerebral Ischemia	17	0.0	1.9	*	0.0	4.2	*	5.9	6.7	*
Stroke	49	24.5	22.0	*	30.6	28.3	*	32.7	32.7	*
Hip Fracture	5	20.0	6.5	*	20.0	12.5	*	20.0	16.7	*
Sepsis	4	0.0	34.5	*	25.0	41.7	*	25.0	48.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	4.8	*	0.0	9.1	*	0.0	12.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	24	8.3	3.0	*	8.3	6.9	*	12.5	10.8	*
Cholecystectomy	11	0.0	1.7	*	0.0	2.7	*	0.0	3.4	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SOUTH SUBURBAN HOSPITAL

17800 S Kedzie Ave
Hazel Crest, IL 60429

Medicare Provider Number: 140250

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,858	9.3	10.1	0.8	14.3	15.2	1.2	17.9	19.1	1.6
CONDITIONS:										
Acute Myocardial Infarction	64	20.3	26.8	10.8	25.0	30.0	9.8	28.1	33.4	7.9
Congestive Heart Failure	139	12.2	15.1	3.5	17.3	23.4	4.8	20.9	30.2	6.2
Pneumonia/Influenza	101	10.9	18.5	8.4	19.8	25.1	8.5	23.8	30.2	8.9
Chronic Obstructive Pulmonary Disease	22	9.1	5.0	*	13.6	9.6	*	13.6	13.8	*
Transient Cerebral Ischemia	43	4.7	1.9	*	4.7	4.3	*	4.7	6.8	*
Stroke	58	20.7	20.1	5.3	25.9	26.4	7.2	34.5	30.6	8.9
Hip Fracture	42	4.8	8.1	*	9.5	13.8	*	14.3	17.4	*
Sepsis	31	25.8	26.6	*	51.6	37.2	*	61.3	43.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	17	5.9	2.6	*	11.8	4.9	*	11.8	7.3	*
Carotid Endarterectomy	16	0.0	1.8	*	0.0	3.4	*	6.3	5.0	*
Hip Replacement/Reconstruction	25	4.0	5.0	*	4.0	9.1	*	4.0	11.8	*
Open Reduction of Hip Fracture	20	5.0	7.2	*	10.0	13.0	*	20.0	16.5	*
Prostatectomy	44	2.3	1.0	*	6.8	2.4	*	6.8	4.1	*
Cholecystectomy	35	8.6	4.3	*	14.3	8.2	*	17.1	11.2	*
Hysterectomy	13	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	211
Occupancy Rate	70
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	283
Percent of Physicians Board Certified Specialists	76
Medical Residents/Interns	0
Registered Nurses	242
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

SOUTH SUBURBAN HOSPITAL

Medicare Provider Number: 140250

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	1,690	9.2	10.4	1.0	14.3	15.7	1.2	17.6	19.8	1.6
CONDITIONS:										
Acute Myocardial Infarction	61	29.5	31.2	6.1	34.4	35.1	6.2	36.1	38.9	6.9
Congestive Heart Failure	118	16.1	16.5	3.5	25.4	24.9	4.1	29.7	31.8	5.9
Pneumonia/Influenza	70	14.3	18.6	6.1	24.3	24.3	5.1	31.4	28.9	6.1
Chronic Obstructive Pulmonary Disease	25	0.0	7.3	*	0.0	13.0	*	4.0	18.0	*
Transient Cerebral Ischemia	29	0.0	2.1	*	3.4	4.6	*	10.3	7.2	*
Stroke	67	17.9	20.8	5.4	25.4	27.7	6.9	26.9	32.4	9.0
Hip Fracture	36	2.8	8.7	*	11.1	15.2	*	13.9	19.0	*
Sepsis	30	43.3	28.2	*	46.7	37.1	*	53.3	43.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	16.7	8.1	*	16.7	10.7	*	16.7	13.1	*
Carotid Endarterectomy	6	0.0	1.8	*	0.0	3.6	*	0.0	5.5	*
Hip Replacement/Reconstruction	18	0.0	5.6	*	0.0	10.4	*	5.6	13.3	*
Open Reduction of Hip Fracture	13	7.7	7.9	*	23.1	14.3	*	23.1	18.1	*
Prostatectomy	53	0.0	1.5	2.1	1.9	3.5	3.1	3.8	5.6	4.3
Cholecystectomy	25	4.0	2.9	*	8.0	5.1	*	12.0	6.5	*
Hysterectomy	11	0.0	2.1	*	0.0	4.0	*	9.1	5.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	1,666	8.5	10.4	2.6	14.6	15.7	1.9	19.4	19.9	1.2
CONDITIONS:										
Acute Myocardial Infarction	52	30.8	29.9	7.5	32.7	33.4	9.4	42.3	36.9	9.1
Congestive Heart Failure	141	14.2	16.3	4.5	23.4	24.7	4.8	29.8	31.8	5.4
Pneumonia/Influenza	73	11.0	17.9	7.1	20.5	24.1	8.9	23.3	29.0	6.9
Chronic Obstructive Pulmonary Disease	27	14.8	13.3	*	25.9	21.6	*	29.6	27.6	*
Transient Cerebral Ischemia	31	3.2	2.4	*	3.2	5.1	*	6.5	7.9	*
Stroke	58	8.6	21.9	7.4	19.0	28.4	7.2	25.9	32.7	6.7
Hip Fracture	25	0.0	7.4	*	4.0	12.8	*	12.0	16.4	*
Sepsis	45	33.3	28.4	*	42.2	37.6	*	51.1	44.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	7.7	3.1	*	23.1	6.8	*	23.1	10.6	*
Carotid Endarterectomy	20	0.0	1.7	*	0.0	3.3	*	0.0	4.7	*
Hip Replacement/Reconstruction	21	4.8	4.6	*	4.8	8.9	*	14.3	12.1	*
Open Reduction of Hip Fracture	11	0.0	6.2	*	0.0	10.8	*	9.1	13.6	*
Prostatectomy	45	2.2	1.3	*	4.4	3.2	*	6.7	5.2	*
Cholecystectomy	32	3.1	2.5	*	3.1	4.5	*	3.1	5.9	*
Hysterectomy	9	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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**South
Suburban
Hospital**

17800 South Kedzie Avenue
Hazel Crest, Illinois 60429

708/799-8000

Putting People First

December 28, 1990

Gail R. Wilensky, Ph.D.
Administration
Department of Health & Human Services
Health Care Financing Administration
6325 Security Boulevard
Baltimore, MD 21207

Dear Dr. Wilensky:

We have reviewed the mortality data you provided to us on December 6, 1990 and based on our own mortality studies, it would appear this information is correct.

We appreciate the improvements made in the display analysis of the data and in the Medicare Hospital Mortality Information methodology.

While the ability of statistical mortality data to detect variations in the quality of health care has not been demonstrated, South Suburban Hospital considers this HCFA data a useful component of its quality improvement system. Mortality Review is conducted by the medical staff as part of our ongoing hospitalwide quality assurance program. When conducting Mortality Review, if an opportunity to improve patient care is identified, appropriate action is taken and the results monitored to ensure progress.

Since meaningful variations in mortality measures will further aid in identifying opportunities to improve patient care, we look forward to HCFA's further refinement of the methodologies used to produce these statistical measurements.

Sincerely,

James A. DeNuccio

James A. DeNuccio
V.P., Administration
& C.O.O.

JD/mao'c

SPARTA COMMUNITY HOSPITAL DISTRICT

818 E Broadway
Sparta, IL 62286

Medicare Provider Number: 140109

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	311	9.6	10.3	1.9	15.4	15.3	2.3	19.9	19.4	2.5
CONDITIONS:										
Acute Myocardial Infarction	8	62.5	39.5	*	62.5	44.7	*	62.5	49.3	*
Congestive Heart Failure	25	0.0	14.2	*	8.0	21.0	*	20.0	27.3	*
Pneumonia/Influenza	27	25.9	15.8	*	37.0	21.4	*	40.7	25.8	*
Chronic Obstructive Pulmonary Disease	2	50.0	8.8	*	50.0	17.0	*	100.0	24.8	*
Transient Cerebral Ischemia	5	0.0	2.1	*	0.0	4.7	*	0.0	7.6	*
Stroke	13	15.4	21.1	*	15.4	26.9	*	15.4	31.3	*
Hip Fracture	4	25.0	8.2	*	25.0	14.5	*	25.0	18.3	*
Sepsis	8	12.5	25.9	*	37.5	35.5	*	37.5	42.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	100.0	16.4	*	100.0	29.0	*	100.0	35.5	*
Open Reduction of Hip Fracture	1	0.0	6.7	*	0.0	12.1	*	0.0	15.4	*
Prostatectomy	1	0.0	0.9	*	0.0	1.7	*	0.0	2.9	*
Cholecystectomy	10	10.0	3.3	*	10.0	6.0	*	20.0	7.6	*
Hysterectomy	4	0.0	2.4	*	0.0	5.7	*	0.0	8.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	51
Occupancy Rate	28
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	27
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SPARTA COMMUNITY HOSPITAL DISTRICT

Medicare Provider Number: 140109

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	328	11.9	9.8	2.4	16.5	14.6	2.5	19.5	18.5	2.5
CONDITIONS:										
Acute Myocardial Infarction	10	20.0	26.0	*	20.0	29.2	*	30.0	32.5	*
Congestive Heart Failure	27	25.9	19.5	*	37.0	27.4	*	44.4	34.3	*
Pneumonia/Influenza	7	57.1	19.7	*	57.1	27.5	*	57.1	32.7	*
Chronic Obstructive Pulmonary Disease	3	33.3	11.3	*	33.3	19.2	*	33.3	25.4	*
Transient Cerebral Ischemia	14	0.0	2.4	*	0.0	5.1	*	0.0	7.9	*
Stroke	14	21.4	28.7	*	21.4	35.9	*	35.7	40.9	*
Hip Fracture	10	0.0	6.0	*	10.0	11.0	*	20.0	14.0	*
Sepsis	2	0.0	14.9	*	0.0	18.7	*	0.0	23.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	6.1	*	0.0	10.8	*	0.0	13.2	*
Open Reduction of Hip Fracture	3	0.0	6.4	*	0.0	11.5	*	0.0	14.6	*
Prostatectomy	2	0.0	0.7	*	0.0	1.6	*	0.0	2.4	*
Cholecystectomy	5	0.0	3.7	*	0.0	6.3	*	0.0	7.8	*
Hysterectomy	2	0.0	0.3	*	0.0	0.7	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	335	11.3	11.1	2.6	14.3	16.2	2.8	18.5	20.4	3.9
CONDITIONS:										
Acute Myocardial Infarction	18	38.9	29.6	*	38.9	32.7	*	38.9	36.3	*
Congestive Heart Failure	14	35.7	17.8	*	42.9	24.9	*	50.0	31.5	*
Pneumonia/Influenza	13	15.4	16.3	*	15.4	21.6	*	23.1	26.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	18.9	*	0.0	37.9	*	0.0	51.7	*
Transient Cerebral Ischemia	15	0.0	2.6	*	0.0	5.8	*	13.3	9.1	*
Stroke	19	26.3	25.3	*	36.8	33.0	*	36.8	38.1	*
Hip Fracture	7	0.0	6.5	*	0.0	12.5	*	0.0	16.6	*
Sepsis	1	0.0	34.0	*	100.0	40.4	*	100.0	48.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	6.6	*	0.0	14.3	*	0.0	20.0	*
Open Reduction of Hip Fracture	3	0.0	3.8	*	0.0	7.2	*	0.0	9.5	*
Prostatectomy	4	0.0	2.4	*	0.0	6.2	*	0.0	10.7	*
Cholecystectomy	3	33.3	3.3	*	33.3	5.9	*	33.3	7.2	*
Hysterectomy	1	0.0	0.3	*	0.0	0.4	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST ANNS HOSPITAL OF CHICAGO INC

4950 W Thomas St
Chicago, IL 60651

Medicare Provider Number: 140156

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	4	0.0	3.6	*	0.0	9.1	*	0.0	14.7	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1988

Total Beds	402
Ownership/Control	Church
STAFFING:	
Medical Residents/Interns	6
Registered Nurses	170
Licensed Practical Nurses	18

SPECIALTY SERVICES:	
Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

ST ANNS HOSPITAL OF CHICAGO INC

Medicare Provider Number: 140156

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	592	10.5	9.7	1.3	15.2	14.4	1.9	18.9	18.0	1.8
CONDITIONS:										
Acute Myocardial Infarction	13	38.5	25.9	*	46.2	29.0	*	46.2	32.5	*
Congestive Heart Failure	54	13.0	14.5	6.7	16.7	21.6	7.1	31.5	27.8	7.5
Pneumonia/Influenza	9	22.2	19.0	*	22.2	25.7	*	22.2	30.7	*
Chronic Obstructive Pulmonary Disease	3	0.0	4.3	*	0.0	7.7	*	0.0	10.3	*
Transient Cerebral Ischemia	16	0.0	2.0	*	0.0	4.3	*	6.3	6.7	*
Stroke	36	16.7	24.4	*	27.8	31.6	*	36.1	36.5	*
Hip Fracture	16	0.0	6.5	*	0.0	11.2	*	0.0	14.3	*
Sepsis	4	25.0	18.5	*	50.0	26.9	*	50.0	32.7	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	50.0	13.2	*	50.0	15.6	*	50.0	17.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	4.9	*	0.0	9.4	*	0.0	12.4	*
Open Reduction of Hip Fracture	9	0.0	6.3	*	0.0	11.2	*	0.0	14.3	*
Prostatectomy	11	0.0	1.3	*	0.0	3.0	*	0.0	4.7	*
Cholecystectomy	9	0.0	4.9	*	11.1	6.9	*	11.1	8.3	*
Hysterectomy	4	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	704	14.1	9.9	5.1	20.2	14.5	6.2	22.9	18.3	6.0
CONDITIONS:										
Acute Myocardial Infarction	23	56.5	30.1	*	56.5	33.6	*	60.9	37.2	*
Congestive Heart Failure	56	30.4	16.5	7.5	39.3	24.1	8.7	39.3	30.7	10.4
Pneumonia/Influenza	20	20.0	18.8	*	30.0	25.4	*	30.0	30.6	*
Chronic Obstructive Pulmonary Disease	6	0.0	8.4	*	0.0	13.5	*	0.0	17.8	*
Transient Cerebral Ischemia	18	5.6	2.3	*	11.1	4.8	*	11.1	7.5	*
Stroke	38	39.5	24.4	*	47.4	31.2	*	50.0	35.8	*
Hip Fracture	15	0.0	6.0	*	6.7	10.4	*	6.7	13.4	*
Sepsis	10	30.0	23.2	*	50.0	31.4	*	50.0	37.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	1.7	*	0.0	3.7	*	0.0	5.8	*
Carotid Endarterectomy	5	20.0	1.4	*	20.0	2.9	*	20.0	4.5	*
Hip Replacement/Reconstruction	4	0.0	7.1	*	0.0	11.8	*	0.0	14.8	*
Open Reduction of Hip Fracture	9	0.0	4.9	*	11.1	9.2	*	11.1	12.2	*
Prostatectomy	13	0.0	1.6	*	0.0	4.2	*	7.7	7.3	*
Cholecystectomy	13	0.0	2.4	*	23.1	4.1	*	23.1	5.1	*
Hysterectomy	1	100.0	12.0	*	100.0	24.8	*	100.0	36.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST ANTHONY HEALTH CENTER

St Anthonys Way
Alton, IL 62002

Medicare Provider Number: 140052

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,437	8.8	9.4	0.8	13.8	14.2	1.0	16.1	18.0	1.4
CONDITIONS:										
Acute Myocardial Infarction	44	29.5	31.1	*	31.8	34.4	*	34.1	38.0	*
Congestive Heart Failure	79	16.5	15.1	4.9	27.8	23.3	7.4	32.9	30.1	6.1
Pneumonia/Influenza	69	14.5	14.2	5.0	20.3	19.4	4.8	21.7	23.7	5.7
Chronic Obstructive Pulmonary Disease	28	0.0	6.9	*	3.6	12.8	*	3.6	17.7	*
Transient Cerebral Ischemia	21	4.8	1.7	*	4.8	3.6	*	4.8	5.7	*
Stroke	44	11.4	21.4	*	13.6	27.8	*	13.6	32.1	*
Hip Fracture	48	4.2	8.3	*	10.4	14.4	*	12.5	18.2	*
Sepsis	16	18.8	29.8	*	25.0	37.1	*	37.5	43.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	2.3	*	0.0	4.7	*	0.0	7.1	*
Carotid Endarterectomy	12	0.0	1.7	*	0.0	3.2	*	0.0	4.7	*
Hip Replacement/Reconstruction	19	0.0	6.3	*	5.3	11.3	*	5.3	14.5	*
Open Reduction of Hip Fracture	23	8.7	8.2	*	17.4	15.1	*	21.7	19.5	*
Prostatectomy	57	0.0	1.2	1.7	0.0	2.8	3.2	0.0	4.7	4.8
Cholecystectomy	30	0.0	2.0	*	3.3	3.6	*	3.3	5.1	*
Hysterectomy	5	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	210
Occupancy Rate	65
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	103
Percent of Physicians Board Certified Specialists	70
Medical Residents/Interns	0
Registered Nurses	127
Licensed Practical Nurses	41

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ST ANTHONY HEALTH CENTER

Medicare Provider Number: 140052

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,490	9.3	9.8	1.0	13.6	14.5	1.4	16.8	18.2	1.5
CONDITIONS:										
Acute Myocardial Infarction	35	28.6	32.8	*	40.0	36.0	*	45.7	39.6	*
Congestive Heart Failure	93	14.0	16.0	5.7	20.4	24.4	6.5	30.1	31.2	5.0
Pneumonia/Influenza	76	11.8	17.1	7.6	18.4	22.8	7.2	25.0	27.2	6.3
Chronic Obstructive Pulmonary Disease	13	7.7	4.6	*	7.7	8.1	*	15.4	11.0	*
Transient Cerebral Ischemia	26	0.0	2.4	*	3.8	5.1	*	3.8	7.9	*
Stroke	56	16.1	22.7	10.3	23.2	28.6	10.8	25.0	33.2	12.7
Hip Fracture	41	7.3	8.6	*	14.6	15.0	*	17.1	18.8	*
Sepsis	18	33.3	25.5	*	44.4	31.1	*	50.0	36.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	1.3	*	0.0	3.0	*	0.0	4.8	*
Carotid Endarterectomy	25	0.0	1.9	*	0.0	3.7	*	4.0	5.5	*
Hip Replacement/Reconstruction	28	3.6	5.2	*	3.6	9.4	*	7.1	12.0	*
Open Reduction of Hip Fracture	19	5.3	8.5	*	21.1	15.7	*	26.3	20.1	*
Prostatectomy	54	1.9	1.7	1.9	1.9	3.9	3.1	5.6	6.2	3.5
Cholecystectomy	26	11.5	4.2	*	11.5	7.1	*	11.5	8.7	*
Hysterectomy	2	0.0	1.0	*	0.0	2.0	*	0.0	2.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,321	10.3	10.5	3.5	15.1	15.4	3.5	17.9	19.2	4.7
CONDITIONS:										
Acute Myocardial Infarction	46	30.4	34.2	*	34.8	38.2	*	37.0	42.3	*
Congestive Heart Failure	85	16.5	15.8	4.6	29.4	23.9	7.1	34.1	30.8	7.9
Pneumonia/Influenza	59	20.3	18.3	5.5	22.0	24.6	5.9	25.4	29.7	6.3
Chronic Obstructive Pulmonary Disease	30	10.0	10.6	*	13.3	17.6	*	13.3	22.9	*
Transient Cerebral Ischemia	23	0.0	2.2	*	4.3	4.8	*	4.3	7.6	*
Stroke	46	23.9	22.2	*	28.3	28.6	*	28.3	33.4	*
Hip Fracture	36	2.8	6.9	*	5.6	11.9	*	5.6	15.2	*
Sepsis	22	31.8	25.1	*	36.4	33.6	*	50.0	39.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	6.4	*	0.0	11.0	*	0.0	14.2	*
Carotid Endarterectomy	23	0.0	1.9	*	0.0	3.7	*	0.0	5.6	*
Hip Replacement/Reconstruction	32	0.0	5.8	*	6.3	10.4	*	6.3	13.5	*
Open Reduction of Hip Fracture	14	7.1	5.4	*	14.3	10.4	*	14.3	14.0	*
Prostatectomy	40	0.0	1.1	*	0.0	2.6	*	0.0	4.3	*
Cholecystectomy	33	3.0	3.7	*	3.0	6.3	*	3.0	7.9	*
Hysterectomy	4	0.0	0.4	*	0.0	0.8	*	0.0	1.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

343.1

SAINT ANTHONY'S HOSPITAL

SAINT CLARE'S HOSPITAL

SAINT
ANTHONY'S
HEALTH CENTER

Saint Anthony's Way Alton, Illinois 62002-0340 618/465-2571

Medicare Provider Number: 14-0052

COMMENTS ON THE HCFA MORTALITY DATA

We have reviewed the Medicare Mortality Report and are gratified to note that our performance for all categories of conditions and procedures was comparable to or better than the national experience.

We regularly review our Medicare cases and compare our outcome performance with regional experience. These comparisons have shown us that continuity of care in our post-acute facility (skilled nursing) has been a hallmark of our services. We have found no adverse differences between our performance and that of similar hospitals in our region.

Although, the mortality rates at Saint Anthony's Health Center for 1989, 1988, and 1987 compares favorably with other healthcare institutions, we would like to express the following concerns regarding the HCFA Mortality Report:

1. The data compiled by HCFA indicates that 127 Medicare patients admitted to Saint Anthony's Health Center in federal fiscal year 1989 died within 30 days of admission, 71 died within 90 days of admission and 33 died within 180 days of admission. Our records indicate that we had 2,585 Medicare discharges for this period. HCFA used a total of 1,437 cases to determine their mortality percentages. The difference is due to HCFA randomly selecting one admission per patient, even if the patient had numerous hospital stays during the period. Therefore, the number of deaths at Saint Anthony's Health Center was compared to a smaller number of admissions than actually occurred. This caused our actual mortality rates to be higher than they should be.

2. It should be emphasized that the HCFA data deal only with Medicare patients who are older than the general population. Saint Anthony's does operate programs that attract the elderly or terminally ill, i.e. hospice, home health, and extended care. The mortality rates presented do not address Saint Anthony's overall "success" rate with a specific diagnosis.

3. Hospitals who treat only a few patients in a diagnostic category could have their mortality rates misinterpreted. The smaller number of cases, the more likely this will occur. In 1989, Saint Anthony's had fewer than 50 cases in 14 out of the 17 diagnostic categories. In 1988, 13 out of the 17 diagnostic categories had fewer than 50 cases. In 1987, Saint Anthony's had fewer than 50 cases in 15 out of 17 diagnostic categories. As HCFA indicates the precision and interpretability of their estimates are questionable when there are no deaths or 50 or fewer cases in a particular category being analyzed.

4. The data does not distinguish the source of the patient's admission. Those patients admitted from nursing homes or through our Emergency Room are generally more high risk compared to other patients.

5. HCFA data uses the principal diagnosis information to classify patients, which is not necessarily the cause of death. A patient could come in to the hospital with a hip fracture, but could actually die due to a myocardial infarction that occurred later in the stay. The patient would be classified in the hip fracture and the hip replacement category, which would be an incorrect classification.

6. The release of the hospital characteristics data in tandem with the mortality data may lead the public to assume they are related to the hospital's clinical quality because they are paired with the mortality data.

7. Care to a patient could be rendered at multiple facilities during the year, however if a death occurs it will be charged against a facility based strictly on a random selection of an admission. No consideration is given to quality of treatment or length of stay at either hospital. A patient treated for a hip fracture at one facility could in fact die months later at another hospital with congestive heart failure. Because of the random selection process the death may be counted against either facility.

Until HCFA has developed additional statistical measures to deal with complex issues such as severity of illness, the data should not be used to judge the quality of care provided by different hospitals. Saint Anthony's Health Center currently has its own internal quality indicators in place that measure outcome of care. We firmly believe that our quality assurance plans provide a better measure of our hospitals' performance. These comments are consistent with prior comments in this regard.

/tag

ST ANTHONY MEDICAL CENTER

5666 East State Street
Rockford, IL 61108

Medicare Provider Number: 140233

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,170	8.4	8.4	0.8	13.0	12.7	0.9	16.5	16.1	0.9
CONDITIONS:										
Acute Myocardial Infarction	66	22.7	24.7	5.8	27.3	27.5	5.6	28.8	30.5	6.2
Congestive Heart Failure	104	20.2	14.0	5.8	26.9	22.2	5.2	31.7	29.0	4.9
Pneumonia/Influenza	60	20.0	16.0	5.4	33.3	22.3	7.6	40.0	27.1	8.4
Chronic Obstructive Pulmonary Disease	16	0.0	6.4	*	6.3	10.6	*	6.3	14.6	*
Transient Cerebral Ischemia	40	2.5	2.0	*	7.5	4.5	*	10.0	7.1	*
Stroke	65	26.2	25.0	5.5	33.8	30.7	6.7	38.5	35.0	7.0
Hip Fracture	45	4.4	6.4	*	6.7	11.4	*	8.9	14.9	*
Sepsis	21	19.0	27.0	*	28.6	35.5	*	38.1	41.9	*
PROCEDURES:										
Angioplasty	72	9.7	4.7	3.7	15.3	5.7	4.4	16.7	6.9	5.5
Coronary Artery Bypass Graft	62	11.3	5.5	4.5	14.5	7.9	5.3	16.1	9.4	5.9
Initial Pacemaker Insertion	19	10.5	4.1	*	15.8	8.0	*	21.1	11.3	*
Carotid Endarterectomy	18	5.6	1.3	*	5.6	2.5	*	5.6	3.7	*
Hip Replacement/Reconstruction	45	0.0	2.1	*	0.0	3.9	*	0.0	5.4	*
Open Reduction of Hip Fracture	24	4.2	6.2	*	8.3	11.7	*	12.5	15.3	*
Prostatectomy	81	1.2	0.6	1.2	2.5	1.5	2.1	3.7	2.5	2.6
Cholecystectomy	38	0.0	3.0	*	0.0	5.5	*	0.0	7.2	*
Hysterectomy	21	4.8	0.7	*	4.8	1.6	*	4.8	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	247
Occupancy Rate	61
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	129
Percent of Physicians Board Certified Specialists	77
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	Yes
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ST ANTHONY MEDICAL CENTER

Medicare Provider Number: 140233

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,224	8.0	8.0	0.8	12.9	12.1	1.1	16.1	15.4	1.1
CONDITIONS:										
Acute Myocardial Infarction	60	23.3	28.7	7.5	31.7	31.9	7.4	35.0	35.4	6.2
Congestive Heart Failure	111	14.4	14.2	3.4	24.3	21.8	6.2	27.9	28.2	4.7
Pneumonia/Influenza	60	11.7	14.3	5.1	18.3	19.5	5.4	26.7	23.7	7.3
Chronic Obstructive Pulmonary Disease	26	3.8	7.8	*	19.2	14.1	*	23.1	19.6	*
Transient Cerebral Ischemia	51	2.0	1.7	*	3.9	3.6	*	3.9	5.6	*
Stroke	70	20.0	21.5	5.1	28.6	27.8	5.4	34.3	32.2	6.4
Hip Fracture	40	7.5	7.1	*	15.0	12.3	*	15.0	15.5	*
Sepsis	15	26.7	27.8	*	46.7	34.6	*	46.7	39.5	*
PROCEDURES:										
Angioplasty	58	5.2	4.2	3.1	6.9	5.1	4.4	10.3	6.1	6.5
Coronary Artery Bypass Graft	52	9.6	6.0	4.8	11.5	8.1	6.7	13.5	9.6	7.0
Initial Pacemaker Insertion	26	3.8	5.1	*	11.5	8.1	*	11.5	10.8	*
Carotid Endarterectomy	19	0.0	1.4	*	0.0	2.7	*	0.0	4.0	*
Hip Replacement/Reconstruction	32	3.1	1.7	*	3.1	3.1	*	3.1	4.1	*
Open Reduction of Hip Fracture	27	7.4	7.1	*	14.8	12.8	*	14.8	16.4	*
Prostatectomy	94	1.1	0.8	0.9	2.1	1.8	1.4	3.2	3.0	1.8
Cholecystectomy	30	6.7	3.5	*	10.0	6.1	*	10.0	7.7	*
Hysterectomy	15	0.0	0.8	*	0.0	1.8	*	0.0	3.0	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,144	9.6	8.8	1.2	13.8	13.1	1.1	17.2	16.6	1.1
CONDITIONS:										
Acute Myocardial Infarction	80	31.3	28.3	7.5	36.2	31.5	7.2	36.2	34.8	6.7
Congestive Heart Failure	104	19.2	15.7	4.4	25.0	23.9	5.5	36.5	30.8	7.3
Pneumonia/Influenza	53	18.9	15.5	6.5	20.8	21.1	5.8	24.5	25.5	6.0
Chronic Obstructive Pulmonary Disease	12	8.3	10.0	*	16.7	16.3	*	41.7	21.5	*
Transient Cerebral Ischemia	44	4.5	1.7	*	4.5	3.6	*	4.5	5.6	*
Stroke	76	27.6	24.2	6.5	40.8	30.5	9.5	43.4	34.9	9.7
Hip Fracture	37	8.1	7.6	*	16.2	13.2	*	21.6	16.8	*
Sepsis	28	25.0	25.1	*	28.6	34.1	*	32.1	39.9	*
PROCEDURES:										
Angioplasty	58	3.4	5.9	4.2	3.4	6.9	4.6	3.4	8.1	5.3
Coronary Artery Bypass Graft	63	15.9	6.5	5.0	19.0	8.6	5.5	19.0	9.9	5.5
Initial Pacemaker Insertion	30	3.3	3.6	*	6.7	7.2	*	6.7	10.4	*
Carotid Endarterectomy	16	6.3	1.8	*	12.5	3.6	*	12.5	5.2	*
Hip Replacement/Reconstruction	36	0.0	2.5	*	2.8	4.6	*	5.6	6.1	*
Open Reduction of Hip Fracture	17	5.9	6.5	*	11.8	11.7	*	11.8	15.2	*
Prostatectomy	94	5.3	0.9	2.5	6.4	2.3	2.4	8.5	3.9	3.2
Cholecystectomy	44	9.1	4.7	*	9.1	8.5	*	9.1	11.0	*
Hysterectomy	9	0.0	1.0	*	0.0	2.2	*	0.0	3.3	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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345.2

Saint
Anthony
Medical
Center
5666 East State Street / Rockford, IL 61108-2472 / 815/226-2000

January 9, 1991

Mrs. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, MD 21207

Medicare Provider No. 140233

Dear Mrs. Kappert:

The administration and staff of Saint Anthony Medical Center (SAMC) appreciates the opportunity to review and comment on the Health Care Financing Administration (HCFA) selected mortality information regarding Medicare patients cared for in acute care hospitals between October 1, 1988, and September 30, 1989. We are pleased to note that of total Medicare discharges from SAMC during this period, the observed mortality rate within 30 days of discharge was within the predicted mortality rate.

We do, however, have reservations relative to the publication of this mortality data. The complexity and reliability of the statistical analysis, particularly the Bailey-Makeham model used to develop the predicted mortality rates, may be extremely confusing to the public and subject to misinterpretation. Because of these concerns, we do not feel that this mortality information should be used by consumers to judge the quality of care given at an institution.

This information will serve as an adjunct to the statistics already being reviewed by our hospital in our Quality Assurance department. Our performance, as reflected in this report, reflects SAMC's continuing commitment to ongoing quality assurance and the delivery of the highest quality care to all our patients, consistent with the mission of The Sisters of the Third Order of St. Francis.

Thank you for the opportunity to review the 1989 mortality information.

Sincerely,

Jerry A. Nash

Jerry A. Nash, PhD
Administrator

ST ANTHONYS HOSPITAL

2875 West 19th Street
Chicago, IL 60623

Medicare Provider Number: 140095

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	599	10.9	9.8	1.8	16.2	14.8	2.6	20.9	18.9	2.9
CONDITIONS:										
Acute Myocardial Infarction	17	35.3	26.8	*	41.2	29.4	*	52.9	32.5	*
Congestive Heart Failure	54	13.0	14.2	4.9	22.2	22.2	5.9	31.5	28.9	7.2
Pneumonia/Influenza	28	17.9	20.0	*	25.0	27.0	*	25.0	32.2	*
Chronic Obstructive Pulmonary Disease	8	12.5	6.4	*	12.5	11.6	*	12.5	16.6	*
Transient Cerebral Ischemia	23	0.0	1.8	*	4.3	3.9	*	8.7	6.3	*
Stroke	28	14.3	22.2	*	28.6	27.5	*	28.6	31.4	*
Hip Fracture	7	0.0	4.2	*	0.0	7.7	*	0.0	10.2	*
Sepsis	12	41.7	30.8	*	50.0	38.2	*	50.0	44.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	25.0	4.8	*	50.0	11.0	*	50.0	17.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	5.8	*	0.0	11.2	*	0.0	14.8	*
Open Reduction of Hip Fracture	6	0.0	3.7	*	0.0	7.2	*	0.0	9.8	*
Prostatectomy	13	7.7	1.6	*	7.7	3.9	*	15.4	6.5	*
Cholecystectomy	2	0.0	4.6	*	0.0	7.2	*	0.0	8.8	*
Hysterectomy	5	0.0	0.4	*	0.0	0.8	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	142
Occupancy Rate	68
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	88
Percent of Physicians Board Certified Specialists	35
Medical Residents/Interns	0
Registered Nurses	95
Licensed Practical Nurses	46

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST ANTHONYS HOSPITAL

Medicare Provider Number: 140095

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	682	11.0	10.2	1.2	18.5	15.4	1.7	21.4	19.5	1.7
CONDITIONS:										
Acute Myocardial Infarction	16	37.5	22.7	*	43.8	25.5	*	43.8	28.7	*
Congestive Heart Failure	60	10.0	13.8	5.2	23.3	21.1	5.6	26.7	27.4	6.3
Pneumonia/Influenza	44	15.9	17.6	*	27.3	23.6	*	29.5	28.3	*
Chronic Obstructive Pulmonary Disease	6	0.0	6.0	*	16.7	11.4	*	33.3	16.6	*
Transient Cerebral Ischemia	32	3.1	2.2	*	6.3	4.6	*	6.3	7.1	*
Stroke	23	26.1	18.6	*	39.1	25.1	*	39.1	29.5	*
Hip Fracture	16	0.0	8.1	*	6.3	14.3	*	12.5	17.8	*
Sepsis	14	42.9	35.1	*	57.1	43.1	*	64.3	48.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	9.9	*	100.0	18.0	*	100.0	24.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	5.5	*	0.0	10.2	*	12.5	13.1	*
Open Reduction of Hip Fracture	9	0.0	8.0	*	11.1	14.5	*	11.1	18.5	*
Prostatectomy	16	0.0	1.4	*	18.8	3.7	*	18.8	6.4	*
Cholecystectomy	14	21.4	7.1	*	21.4	13.1	*	21.4	17.2	*
Hysterectomy	4	0.0	2.0	*	0.0	4.1	*	0.0	5.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	671	14.2	11.4	4.0	19.7	16.8	4.5	23.1	21.0	3.8
CONDITIONS:										
Acute Myocardial Infarction	16	62.5	27.4	*	62.5	31.8	*	62.5	35.7	*
Congestive Heart Failure	58	17.2	14.9	5.1	24.1	22.5	6.8	29.3	28.9	6.0
Pneumonia/Influenza	37	29.7	20.4	*	37.8	27.3	*	40.5	32.7	*
Chronic Obstructive Pulmonary Disease	7	14.3	7.0	*	14.3	12.2	*	28.6	16.8	*
Transient Cerebral Ischemia	21	4.8	2.1	*	9.5	4.5	*	14.3	7.3	*
Stroke	43	23.3	22.6	*	27.9	29.2	*	37.2	33.6	*
Hip Fracture	14	7.1	5.7	*	7.1	10.4	*	7.1	13.5	*
Sepsis	22	27.3	22.1	*	31.8	30.2	*	45.5	36.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	11.3	*	0.0	16.9	*	0.0	20.5	*
Carotid Endarterectomy	1	0.0	1.2	*	0.0	2.2	*	0.0	3.0	*
Hip Replacement/Reconstruction	8	12.5	5.5	*	12.5	10.2	*	12.5	13.2	*
Open Reduction of Hip Fracture	7	0.0	4.7	*	0.0	9.0	*	0.0	12.1	*
Prostatectomy	30	6.7	2.2	*	10.0	5.3	*	13.3	8.6	*
Cholecystectomy	10	0.0	3.4	*	0.0	5.7	*	0.0	7.3	*
Hysterectomy	2	50.0	0.7	*	50.0	1.8	*	50.0	2.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST ANTHONYS MEMORIAL HOSPITAL

503 N Maple Street
Effingham, IL 62401

Medicare Provider Number: 140032

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,450	10.2	8.7	1.1	14.8	13.1	1.3	17.1	16.7	1.5
CONDITIONS:										
Acute Myocardial Infarction	41	34.1	26.3	*	36.6	30.5	*	39.0	34.2	*
Congestive Heart Failure	57	24.6	14.8	9.0	35.1	23.0	9.9	38.6	29.9	9.0
Pneumonia/Influenza	115	14.8	17.2	4.8	20.9	23.2	6.4	25.2	28.0	5.3
Chronic Obstructive Pulmonary Disease	17	11.8	6.2	*	23.5	10.4	*	29.4	14.4	*
Transient Cerebral Ischemia	37	2.7	1.9	*	2.7	4.3	*	5.4	6.8	*
Stroke	58	22.4	19.4	7.6	32.8	26.2	11.0	37.9	30.7	12.0
Hip Fracture	34	8.8	6.3	*	11.8	11.3	*	14.7	14.8	*
Sepsis	20	5.0	23.3	*	15.0	31.4	*	25.0	37.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	23	4.3	4.2	*	4.3	8.3	*	4.3	11.7	*
Open Reduction of Hip Fracture	16	12.5	6.3	*	18.8	11.3	*	18.8	14.4	*
Prostatectomy	79	1.3	0.6	1.1	2.5	1.4	1.9	3.8	2.4	2.6
Cholecystectomy	28	0.0	2.5	*	3.6	4.4	*	3.6	5.6	*
Hysterectomy	7	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	146
Occupancy Rate	54
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	43
Percent of Physicians Board Certified Specialists	58
Medical Residents/Interns	0
Registered Nurses	85
Licensed Practical Nurses	30

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ST ANTHONYS MEMORIAL HOSPITAL

Medicare Provider Number: 140032

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,410	9.9	9.2	1.0	14.8	14.0	1.1	18.1	17.8	1.1
CONDITIONS:										
Acute Myocardial Infarction	47	42.6	26.0	*	46.8	29.3	*	53.2	32.9	*
Congestive Heart Failure	54	16.7	16.1	5.5	25.9	24.8	5.9	27.8	31.8	8.1
Pneumonia/Influenza	111	12.6	17.6	6.9	19.8	24.1	5.8	26.1	29.1	5.4
Chronic Obstructive Pulmonary Disease	21	9.5	10.0	*	14.3	15.9	*	19.0	20.5	*
Transient Cerebral Ischemia	26	0.0	2.3	*	0.0	5.2	*	3.8	8.2	*
Stroke	64	17.2	20.8	8.2	23.4	27.4	9.9	26.6	32.0	7.8
Hip Fracture	32	3.1	6.6	*	12.5	12.1	*	18.8	15.5	*
Sepsis	7	0.0	26.7	*	0.0	34.3	*	14.3	41.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	20	0.0	4.7	*	5.0	9.1	*	10.0	11.9	*
Open Reduction of Hip Fracture	13	0.0	5.9	*	7.7	10.8	*	15.4	14.0	*
Prostatectomy	81	1.2	0.8	1.4	2.5	2.0	2.3	2.5	3.5	2.7
Cholecystectomy	41	4.9	1.7	*	4.9	3.2	*	4.9	4.3	*
Hysterectomy	10	10.0	1.6	*	10.0	3.2	*	10.0	4.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,420	10.6	9.3	1.6	14.4	14.0	1.3	17.2	17.7	1.5
CONDITIONS:										
Acute Myocardial Infarction	56	39.3	29.4	8.2	44.6	33.3	8.6	46.4	36.9	8.6
Congestive Heart Failure	47	17.0	19.0	*	23.4	28.3	*	29.8	35.8	*
Pneumonia/Influenza	83	22.9	19.3	5.3	26.5	25.8	5.7	33.7	31.0	5.7
Chronic Obstructive Pulmonary Disease	22	9.1	10.1	*	31.8	17.6	*	31.8	23.7	*
Transient Cerebral Ischemia	31	0.0	2.3	*	0.0	5.2	*	6.5	8.1	*
Stroke	66	18.2	19.7	5.2	22.7	26.3	6.8	22.7	31.0	8.0
Hip Fracture	36	13.9	7.4	*	13.9	13.3	*	19.4	17.1	*
Sepsis	12	25.0	34.8	*	33.3	43.6	*	33.3	50.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	12	0.0	1.4	*	0.0	2.9	*	0.0	4.4	*
Hip Replacement/Reconstruction	15	0.0	2.4	*	0.0	4.9	*	6.7	6.7	*
Open Reduction of Hip Fracture	23	13.0	6.7	*	13.0	12.5	*	17.4	16.3	*
Prostatectomy	88	2.3	0.8	1.7	2.3	1.9	1.5	3.4	3.3	1.9
Cholecystectomy	21	4.8	3.1	*	4.8	5.7	*	4.8	7.6	*
Hysterectomy	13	0.0	0.9	*	0.0	2.0	*	7.7	3.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

St Anthony's
Memorial Hospital

503 North Maple Street
Effingham, Illinois 62401
217-342-2121

Medicare Provider Number: 140032

COMMENTS ON 1988/89 HCFA MORTALITY DATA

A review of the HCFA data for St. Anthony's Memorial Hospital shows the overall mortality rate to remain consistent over the previous 3 years. Only 1,450 of the 2,290 Medicare discharges from our hospital between October 1988 through September 1989 were included in the HCFA study since each patient was counted once regardless of the number of admissions they had. However, all Medicare deaths were included. Comparing the number of deaths to the total number of discharges results in a lower mortality rate.

A majority of the observed mortality rates are unable to be compared to the predicted mortality rates as the number of cases or deaths are too small to permit satisfactory estimation of the standard deviation. St. Anthony's Memorial Hospital's observed mortality rates in all categories lie within the calculated 95 to 99% prediction interval.

Effingham County is known to have a high incidence of heart disease. The observed mortality rate in this category may be misleading as a significant number of our heart patients admitted are diagnosed and stabilized and if the patient is in need of more aggressive invasive treatment (i.e., cardiac catheterization or open heart surgery) they are transferred to a larger facility which provides these treatment modalities.

Our hospital has exceptional non-invasive diagnostic cardiology services for a small 146-bed hospital as we have cardiologists who serve a cardiology clinic semi-weekly for local patients, as well as patients from outlying areas, in addition to seeing hospitalized patients when requested. We are an American Heart Association certified First Hour Heart Care provider and State Trauma Center, so we see acute heart disease from a wide area. St. Anthony's Memorial Hospital's Intensive Care Unit is equipped and staffed to care for critical and coronary patients. We have physicians and surgeons on staff who are qualified and experienced who treat acute heart disease patients as well as perform vascular surgery. The most current treatment modalities utilizing thrombolytic therapy specific for acute heart attacks are used by our staff.

Although we respect the public's need to have information on the quality of health care in order to assist in decisions about their care, consumers should be made aware that the data only shows whether a hospital is different from average, not the quality of care delivered. Some fluctuations in data from year-to-year may be misleading due to the small number of cases in some categories. Patients should talk with their physicians about their choice of hospitals.

St. Anthony's Memorial Hospital, including its Board and Medical Staff, has a strong commitment to quality and has an effective hospital-wide quality assurance program in place, which encompasses the review of all deaths.

St. Anthony's Memorial Hospital appreciates consumers' and hospitals' need for comparative quality of care and mortality data. This data can be used in addition to our ongoing, comprehensive quality assurance process, but it is our quality assurance assessment (not data alone) that guides our hospital and physicians in identifying ways to improve patient care.

Gregory A. Voss

Gregory A. Voss
Executive Vice President

ST BERNARD HOSPITAL

64th & Dan Ryan Expressway
Chicago, IL 60621

Medicare Provider Number: 140103

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,064	9.3	10.1	1.8	16.3	15.1	1.4	20.4	19.2	1.5
CONDITIONS:										
Acute Myocardial Infarction	21	28.6	30.2	*	28.6	33.7	*	33.3	36.8	*
Congestive Heart Failure	89	10.1	13.0	4.7	19.1	20.3	5.5	27.0	26.4	4.7
Pneumonia/Influenza	43	14.0	17.8	*	23.3	24.1	*	27.9	29.0	*
Chronic Obstructive Pulmonary Disease	11	0.0	9.0	*	27.3	16.8	*	27.3	23.5	*
Transient Cerebral Ischemia	38	2.6	2.2	*	13.2	5.3	*	13.2	8.6	*
Stroke	67	17.9	21.9	7.7	26.9	27.0	5.5	29.9	31.2	5.8
Hip Fracture	7	0.0	6.3	*	0.0	10.7	*	14.3	13.4	*
Sepsis	8	25.0	31.1	*	37.5	37.4	*	50.0	42.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.1	*	0.0	4.7	*	0.0	7.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	3.3	*	0.0	6.4	*	0.0	8.6	*
Prostatectomy	33	0.0	1.4	*	6.1	3.5	*	9.1	5.8	*
Cholecystectomy	7	14.3	1.8	*	14.3	3.2	*	14.3	4.2	*
Hysterectomy	2	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	217
Occupancy Rate	82
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	149
Percent of Physicians Board Certified Specialists	34
Medical Residents/Interns	0
Registered Nurses	88
Licensed Practical Nurses	11

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST BERNARD HOSPITAL

Medicare Provider Number: 140103

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	980	12.2	12.2	1.1	20.0	17.7	1.4	24.6	22.1	1.5
CONDITIONS:										
Acute Myocardial Infarction	19	26.3	24.3	*	26.3	28.0	*	36.8	31.6	*
Congestive Heart Failure	72	12.5	12.7	3.9	18.1	19.6	4.8	19.4	25.6	6.5
Pneumonia/Influenza	30	13.3	17.4	*	33.3	23.5	*	33.3	28.0	*
Chronic Obstructive Pulmonary Disease	5	0.0	6.9	*	0.0	13.0	*	20.0	18.2	*
Transient Cerebral Ischemia	24	0.0	2.0	*	0.0	4.5	*	0.0	7.0	*
Stroke	54	24.1	21.7	7.9	35.2	26.7	9.6	38.9	30.9	9.5
Hip Fracture	7	0.0	6.8	*	0.0	12.7	*	0.0	16.6	*
Sepsis	15	46.7	42.3	*	86.7	50.4	*	93.3	56.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	16.7	6.0	*	16.7	8.2	*	16.7	10.7	*
Carotid Endarterectomy	1	0.0	1.8	*	0.0	4.1	*	0.0	6.1	*
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	5	0.0	6.2	*	0.0	12.1	*	0.0	16.0	*
Prostatectomy	26	7.7	2.8	*	15.4	6.7	*	15.4	10.6	*
Cholecystectomy	9	0.0	1.6	*	11.1	2.8	*	11.1	3.7	*
Hysterectomy	1	0.0	0.4	*	0.0	1.0	*	0.0	2.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	883	11.0	11.3	1.1	18.8	16.3	3.8	22.1	20.5	4.3
CONDITIONS:										
Acute Myocardial Infarction	23	26.1	25.5	*	26.1	28.3	*	26.1	31.6	*
Congestive Heart Failure	79	7.6	13.7	6.1	13.9	21.0	8.0	19.0	27.2	8.2
Pneumonia/Influenza	36	13.9	17.7	*	27.8	23.6	*	27.8	28.5	*
Chronic Obstructive Pulmonary Disease	11	27.3	14.3	*	36.4	23.4	*	36.4	30.5	*
Transient Cerebral Ischemia	22	0.0	1.7	*	4.5	3.8	*	4.5	6.2	*
Stroke	50	22.0	21.5	*	36.0	27.2	*	40.0	31.6	*
Hip Fracture	13	7.7	5.4	*	23.1	9.5	*	30.8	12.2	*
Sepsis	12	8.3	30.8	*	25.0	37.0	*	41.7	43.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	3.1	*	0.0	5.0	*	0.0	6.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	25.0	5.5	*	25.0	9.5	*	50.0	12.2	*
Open Reduction of Hip Fracture	7	0.0	4.7	*	28.6	9.0	*	28.6	11.9	*
Prostatectomy	21	0.0	2.5	*	19.0	6.4	*	19.0	10.6	*
Cholecystectomy	7	0.0	10.5	*	28.6	14.1	*	42.9	17.3	*
Hysterectomy	3	0.0	0.3	*	33.3	0.6	*	33.3	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST CABRINI HOSPITAL

811 S Lytle St
Chicago, IL 60607

Medicare Provider Number: 140212

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	660	8.8	9.6	1.4	14.7	15.4	1.6	20.5	20.2	1.7
CONDITIONS:										
Acute Myocardial Infarction	17	29.4	25.4	*	29.4	29.4	*	41.2	33.1	*
Congestive Heart Failure	59	6.8	14.6	7.0	11.9	22.7	9.0	16.9	29.5	9.8
Pneumonia/Influenza	28	21.4	18.7	*	39.3	26.0	*	42.9	31.3	*
Chronic Obstructive Pulmonary Disease	11	0.0	18.9	*	18.2	29.2	*	36.4	36.5	*
Transient Cerebral Ischemia	20	0.0	1.8	*	0.0	4.1	*	5.0	6.6	*
Stroke	18	11.1	22.4	*	16.7	29.3	*	16.7	34.0	*
Hip Fracture	4	0.0	4.5	*	25.0	8.5	*	25.0	11.8	*
Sepsis	9	11.1	26.7	*	11.1	36.4	*	44.4	42.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	2.9	*	0.0	5.5	*	0.0	7.3	*
Prostatectomy	14	14.3	1.1	*	14.3	2.7	*	28.6	4.6	*
Cholecystectomy	4	25.0	4.7	*	25.0	8.2	*	25.0	9.9	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	200
Occupancy Rate	62
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	344
Percent of Physicians Board Certified Specialists	92
Medical Residents/Interns	0
Registered Nurses	74
Licensed Practical Nurses	55

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

** Not used in calculating hospital mortality rates.

ST CABRINI HOSPITAL

Medicare Provider Number: 140212

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	897	10.3	9.8	1.1	16.9	15.5	1.7	20.4	20.0	1.6
CONDITIONS:										
Acute Myocardial Infarction	16	18.8	32.6	*	25.0	37.3	*	25.0	41.5	*
Congestive Heart Failure	60	21.7	17.5	8.6	36.7	26.8	12.2	43.3	34.1	11.4
Pneumonia/Influenza	45	37.8	18.9	*	46.7	25.3	*	48.9	30.3	*
Chronic Obstructive Pulmonary Disease	15	6.7	8.7	*	20.0	15.5	*	20.0	20.9	*
Transient Cerebral Ischemia	20	0.0	1.9	*	0.0	4.1	*	0.0	6.5	*
Stroke	14	21.4	26.7	*	21.4	33.8	*	28.6	38.8	*
Hip Fracture	6	0.0	6.4	*	0.0	11.0	*	16.7	14.0	*
Sepsis	13	46.2	37.6	*	53.8	44.9	*	53.8	51.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	1	0.0	2.4	*	0.0	4.9	*	0.0	6.6	*
Hip Replacement/Reconstruction	2	0.0	7.1	*	0.0	12.4	*	0.0	15.3	*
Open Reduction of Hip Fracture	2	0.0	5.6	*	0.0	10.4	*	0.0	13.7	*
Prostatectomy	27	0.0	1.1	*	3.7	2.7	*	7.4	4.6	*
Cholecystectomy	3	33.3	5.4	*	33.3	11.1	*	66.7	15.7	*
Hysterectomy	4	0.0	2.8	*	25.0	5.6	*	25.0	8.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	831	8.7	9.3	1.4	14.4	14.7	1.3	17.9	19.0	1.8
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	18.6	*	0.0	20.4	*	0.0	22.8	*
Congestive Heart Failure	64	14.1	15.3	5.6	20.3	23.5	6.5	25.0	30.3	9.4
Pneumonia/Influenza	27	22.2	18.5	*	22.2	24.8	*	25.9	30.1	*
Chronic Obstructive Pulmonary Disease	18	16.7	12.3	*	33.3	20.0	*	44.4	25.8	*
Transient Cerebral Ischemia	21	0.0	1.8	*	4.8	4.1	*	4.8	6.8	*
Stroke	23	8.7	19.0	*	17.4	24.4	*	21.7	28.7	*
Hip Fracture	8	12.5	7.5	*	12.5	13.5	*	12.5	17.4	*
Sepsis	10	20.0	37.2	*	40.0	44.8	*	40.0	51.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	1	0.0	8.5	*	0.0	10.1	*	0.0	11.1	*
Initial Pacemaker Insertion	4	25.0	5.3	*	25.0	12.2	*	25.0	19.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	50.0	6.1	*	50.0	12.1	*	50.0	16.1	*
Open Reduction of Hip Fracture	2	0.0	5.4	*	0.0	11.2	*	0.0	15.5	*
Prostatectomy	28	3.6	2.9	*	7.1	7.0	*	14.3	11.2	*
Cholecystectomy	10	20.0	4.8	*	30.0	9.1	*	40.0	13.0	*
Hysterectomy	5	20.0	2.0	*	20.0	4.6	*	20.0	7.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST CLEMENT HOSPITAL

325 Spring Street
Red Bud, IL 62278

Medicare Provider Number: 140061

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	613	10.3	8.8	1.9	14.0	13.8	1.6	17.3	17.8	1.8
CONDITIONS:										
Acute Myocardial Infarction	9	44.4	29.5	*	44.4	33.0	*	55.6	36.5	*
Congestive Heart Failure	36	36.1	15.6	*	36.1	23.7	*	41.7	30.6	*
Pneumonia/Influenza	37	16.2	17.8	*	21.6	24.1	*	29.7	29.1	*
Chronic Obstructive Pulmonary Disease	4	0.0	12.0	*	0.0	18.5	*	0.0	24.1	*
Transient Cerebral Ischemia	19	5.3	3.1	*	5.3	7.3	*	5.3	11.9	*
Stroke	19	15.8	21.5	*	31.6	29.4	*	36.8	34.3	*
Hip Fracture	18	11.1	7.4	*	27.8	13.0	*	33.3	16.7	*
Sepsis	2	100.0	25.5	*	100.0	31.6	*	100.0	37.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	2.9	*	0.0	6.9	*	0.0	11.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	10.0	6.5	*	30.0	11.9	*	30.0	15.4	*
Open Reduction of Hip Fracture	7	0.0	6.0	*	0.0	10.8	*	14.3	13.9	*
Prostatectomy	17	0.0	1.0	*	0.0	2.4	*	0.0	4.0	*
Cholecystectomy	18	5.6	3.4	*	16.7	5.8	*	16.7	7.2	*
Hysterectomy	4	0.0	1.8	*	0.0	4.7	*	25.0	8.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	105
Occupancy Rate	51
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	14
Percent of Physicians Board Certified Specialists	43
Medical Residents/Interns	0
Registered Nurses	45
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST CLEMENT HOSPITAL

Medicare Provider Number: 140061

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	674	12.2	11.1	2.0	18.1	16.5	2.3	22.1	20.7	2.4
CONDITIONS:										
Acute Myocardial Infarction	16	50.0	33.1	*	50.0	37.4	*	50.0	41.2	*
Congestive Heart Failure	24	37.5	17.8	*	37.5	26.1	*	41.7	33.1	*
Pneumonia/Influenza	51	13.7	21.4	6.8	17.6	28.2	8.1	25.5	33.3	8.1
Chronic Obstructive Pulmonary Disease	9	11.1	9.1	*	33.3	15.1	*	44.4	20.1	*
Transient Cerebral Ischemia	24	0.0	2.1	*	8.3	4.5	*	25.0	7.2	*
Stroke	21	33.3	23.3	*	33.3	31.0	*	33.3	35.7	*
Hip Fracture	18	22.2	10.8	*	22.2	18.7	*	22.2	23.2	*
Sepsis	3	0.0	29.6	*	33.3	38.9	*	33.3	45.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	28.6	11.2	*	28.6	19.8	*	28.6	24.6	*
Open Reduction of Hip Fracture	8	25.0	9.8	*	25.0	18.0	*	25.0	22.8	*
Prostatectomy	19	0.0	2.4	*	5.3	6.1	*	5.3	10.4	*
Cholecystectomy	19	5.3	5.1	*	15.8	8.9	*	21.1	11.0	*
Hysterectomy	5	0.0	1.2	*	0.0	2.3	*	0.0	3.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	639	8.1	9.9	1.7	13.0	15.3	2.1	16.0	19.3	2.4
CONDITIONS:										
Acute Myocardial Infarction	8	37.5	27.2	*	37.5	29.6	*	37.5	32.4	*
Congestive Heart Failure	23	8.7	18.4	*	8.7	27.8	*	13.0	35.3	*
Pneumonia/Influenza	36	5.6	17.2	*	5.6	23.5	*	11.1	28.4	*
Chronic Obstructive Pulmonary Disease	6	16.7	10.3	*	16.7	15.5	*	33.3	19.7	*
Transient Cerebral Ischemia	22	0.0	2.9	*	4.5	6.2	*	9.1	9.7	*
Stroke	27	22.2	27.1	*	22.2	34.4	*	22.2	39.3	*
Hip Fracture	18	0.0	6.8	*	0.0	12.0	*	0.0	15.2	*
Sepsis	7	14.3	34.4	*	28.6	43.2	*	28.6	50.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	4.6	*	0.0	8.8	*	0.0	11.6	*
Open Reduction of Hip Fracture	12	0.0	6.7	*	0.0	12.1	*	0.0	15.5	*
Prostatectomy	20	0.0	1.8	*	0.0	4.3	*	5.0	7.1	*
Cholecystectomy	15	0.0	2.5	*	0.0	4.4	*	6.7	5.9	*
Hysterectomy	3	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST ELIZABETH HOSPITAL

211 South 3rd Street
Belleville, IL 62222

Medicare Provider Number: 140187

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,280	8.7	9.6	1.0	13.4	14.3	1.0	17.2	18.0	1.1
CONDITIONS:										
Acute Myocardial Infarction	85	22.4	27.8	7.2	27.1	30.9	7.4	29.4	34.1	6.8
Congestive Heart Failure	153	13.7	14.8	4.6	20.9	22.6	3.8	29.4	29.2	3.9
Pneumonia/Influenza	168	17.9	18.1	3.4	22.6	24.2	3.7	27.4	29.1	4.6
Chronic Obstructive Pulmonary Disease	21	9.5	10.0	*	14.3	16.5	*	14.3	21.9	*
Transient Cerebral Ischemia	78	3.8	2.4	4.3	10.3	5.3	6.5	11.5	8.4	5.6
Stroke	116	15.5	21.6	7.3	21.6	28.1	7.7	25.9	32.5	8.1
Hip Fracture	97	7.2	7.3	2.8	11.3	12.5	3.6	16.5	15.8	3.9
Sepsis	65	38.5	31.6	7.1	44.6	38.1	8.2	49.2	43.2	8.4
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	26	11.5	3.8	*	19.2	7.2	*	19.2	10.4	*
Carotid Endarterectomy	28	0.0	1.4	*	0.0	2.5	*	3.6	3.6	*
Hip Replacement/Reconstruction	71	1.4	4.4	3.2	5.6	8.0	3.6	11.3	10.4	3.7
Open Reduction of Hip Fracture	4	25.0	5.2	*	25.0	9.5	*	50.0	12.3	*
Prostatectomy	74	2.7	1.1	1.8	2.7	2.5	2.2	5.4	4.3	2.8
Cholecystectomy	48	6.3	4.0	*	10.4	7.1	*	10.4	9.2	*
Hysterectomy	26	0.0	1.1	*	0.0	2.6	*	0.0	3.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	443
Occupancy Rate	66
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	186
Percent of Physicians Board Certified Specialists	73
Medical Residents/Interns	8
Registered Nurses	265
Licensed Practical Nurses	18

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ST ELIZABETH HOSPITAL

Medicare Provider Number: 140187

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,726	9.6	10.1	0.7	14.9	15.1	0.6	18.4	19.0	0.8
CONDITIONS:										
Acute Myocardial Infarction	88	23.9	29.3	7.8	30.7	33.3	7.1	33.0	37.0	7.1
Congestive Heart Failure	185	18.4	17.3	3.1	27.6	26.0	4.7	34.6	33.1	5.2
Pneumonia/Influenza	154	17.5	17.3	4.4	25.3	23.2	4.3	28.6	27.8	4.2
Chronic Obstructive Pulmonary Disease	28	7.1	10.8	*	7.1	18.6	*	14.3	24.7	*
Transient Cerebral Ischemia	80	2.5	2.5	2.2	2.5	5.2	3.9	5.0	8.1	5.6
Stroke	131	25.2	23.2	3.9	29.0	29.9	4.3	32.1	34.6	4.4
Hip Fracture	104	3.8	9.6	4.1	5.8	16.7	5.3	9.6	21.0	5.6
Sepsis	92	32.6	32.2	4.9	41.3	40.4	5.4	47.8	46.8	5.5
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	40	2.5	4.5	*	2.5	8.0	*	5.0	11.2	*
Carotid Endarterectomy	23	0.0	1.6	*	4.3	2.9	*	4.3	4.2	*
Hip Replacement/Reconstruction	70	2.9	6.2	*	2.9	11.6	*	4.3	15.3	*
Open Reduction of Hip Fracture	8	0.0	11.4	*	0.0	20.4	*	12.5	25.6	*
Prostatectomy	103	1.9	1.7	1.3	4.9	3.5	2.4	7.8	5.4	3.8
Cholecystectomy	68	1.5	2.7	2.2	4.4	4.5	2.5	5.9	5.8	2.9
Hysterectomy	24	0.0	1.1	*	4.2	2.2	*	4.2	3.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,642	9.1	10.2	1.3	14.7	15.5	1.0	18.0	19.6	2.0
CONDITIONS:										
Acute Myocardial Infarction	95	33.7	31.3	5.3	38.9	34.8	6.0	41.1	38.5	5.9
Congestive Heart Failure	198	16.2	17.5	3.6	24.2	26.1	4.1	31.3	33.3	4.3
Pneumonia/Influenza	138	15.9	18.2	3.9	25.4	24.2	4.7	30.4	29.1	4.5
Chronic Obstructive Pulmonary Disease	78	10.3	12.9	4.5	19.2	20.2	5.3	19.2	25.6	7.3
Transient Cerebral Ischemia	90	3.3	2.4	1.8	7.8	4.8	3.5	8.9	7.5	3.5
Stroke	141	26.2	23.4	6.0	33.3	30.8	6.1	38.3	35.7	5.6
Hip Fracture	101	4.0	8.2	4.0	8.9	14.0	5.5	11.9	17.5	6.3
Sepsis	73	31.5	30.2	8.4	37.0	38.6	6.5	43.8	44.6	6.6
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	38	0.0	3.9	*	2.6	7.4	*	7.9	10.8	*
Carotid Endarterectomy	15	0.0	2.3	*	6.7	4.2	*	6.7	5.8	*
Hip Replacement/Reconstruction	64	3.1	5.0	3.7	7.8	9.0	4.8	9.4	11.6	4.8
Open Reduction of Hip Fracture	16	0.0	7.5	*	0.0	13.2	*	0.0	16.6	*
Prostatectomy	106	1.9	1.4	1.4	3.8	3.5	2.3	4.7	5.8	2.7
Cholecystectomy	69	0.0	3.2	3.7	2.9	5.8	5.0	4.3	7.7	5.7
Hysterectomy	26	0.0	1.0	*	0.0	1.6	*	0.0	2.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST ELIZABETH HOSPITAL OF CHICAGO INC

1431 N Claremont Ave
Chicago, IL 60622

Medicare Provider Number: 140094

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	943	8.1	8.8	1.2	12.7	13.3	1.2	16.0	17.0	1.7
CONDITIONS:										
Acute Myocardial Infarction	23	26.1	26.6	*	26.1	29.5	*	30.4	32.8	*
Congestive Heart Failure	66	6.1	15.3	6.2	12.1	23.5	7.7	18.2	30.0	7.8
Pneumonia/Influenza	27	29.6	14.8	*	40.7	20.2	*	40.7	24.7	*
Chronic Obstructive Pulmonary Disease	5	0.0	6.8	*	0.0	12.9	*	0.0	18.5	*
Transient Cerebral Ischemia	16	0.0	1.8	*	0.0	4.0	*	0.0	6.3	*
Stroke	35	22.9	24.1	*	28.6	30.1	*	31.4	34.4	*
Hip Fracture	14	7.1	6.2	*	14.3	10.8	*	14.3	13.8	*
Sepsis	8	50.0	33.0	*	50.0	39.7	*	50.0	46.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	22.2	4.1	*	22.2	8.1	*	33.3	11.9	*
Carotid Endarterectomy	3	33.3	1.6	*	33.3	3.1	*	33.3	4.6	*
Hip Replacement/Reconstruction	7	0.0	4.3	*	14.3	8.0	*	14.3	11.1	*
Open Reduction of Hip Fracture	9	11.1	6.3	*	22.2	11.2	*	22.2	14.3	*
Prostatectomy	32	6.3	0.9	*	6.3	2.3	*	6.3	3.8	*
Cholecystectomy	9	0.0	3.4	*	11.1	7.1	*	11.1	10.2	*
Hysterectomy	3	0.0	0.5	*	0.0	1.0	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	243
Occupancy Rate	68
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	134
Percent of Physicians Board Certified Specialists	65
Medical Residents/Interns	16
Registered Nurses	189
Licensed Practical Nurses	33

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST ELIZABETH HOSPITAL OF CHICAGO INC

Medicare Provider Number: 140094

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	895	9.9	10.2	1.0	16.5	15.6	1.4	19.2	19.8	1.4
CONDITIONS:										
Acute Myocardial Infarction	18	38.9	29.9	*	44.4	32.6	*	44.4	35.8	*
Congestive Heart Failure	71	11.3	14.9	4.7	28.2	22.9	5.8	32.4	29.4	6.3
Pneumonia/Influenza	22	18.2	17.6	*	27.3	24.2	*	31.8	29.2	*
Chronic Obstructive Pulmonary Disease	11	27.3	12.9	*	27.3	22.5	*	27.3	30.0	*
Transient Cerebral Ischemia	11	0.0	3.5	*	0.0	8.1	*	0.0	12.8	*
Stroke	40	20.0	22.7	*	25.0	28.8	*	27.5	33.2	*
Hip Fracture	12	8.3	7.2	*	8.3	13.0	*	8.3	16.6	*
Sepsis	10	30.0	27.0	*	30.0	38.8	*	30.0	45.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	8.7	*	0.0	13.6	*	0.0	17.3	*
Carotid Endarterectomy	1	0.0	1.0	*	0.0	1.8	*	0.0	2.6	*
Hip Replacement/Reconstruction	1	0.0	9.2	*	0.0	19.1	*	0.0	26.0	*
Open Reduction of Hip Fracture	8	12.5	6.6	*	12.5	12.4	*	12.5	15.9	*
Prostatectomy	36	0.0	1.1	*	0.0	2.5	*	0.0	3.9	*
Cholecystectomy	14	0.0	1.7	*	7.1	2.7	*	7.1	3.3	*
Hysterectomy	7	0.0	1.6	*	0.0	3.2	*	0.0	4.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	902	11.9	10.6	4.2	16.6	15.7	4.7	20.1	19.6	4.2
CONDITIONS:										
Acute Myocardial Infarction	31	38.7	31.0	*	48.4	34.4	*	48.4	37.9	*
Congestive Heart Failure	71	21.1	17.0	5.7	29.6	25.5	6.3	33.8	32.3	6.7
Pneumonia/Influenza	20	20.0	20.6	*	30.0	27.3	*	35.0	32.5	*
Chronic Obstructive Pulmonary Disease	11	9.1	17.9	*	18.2	30.9	*	18.2	39.1	*
Transient Cerebral Ischemia	16	6.3	2.6	*	6.3	5.7	*	12.5	9.0	*
Stroke	40	15.0	25.6	*	25.0	32.9	*	32.5	37.6	*
Hip Fracture	14	14.3	11.2	*	14.3	18.3	*	14.3	22.4	*
Sepsis	13	30.8	30.4	*	46.2	37.2	*	46.2	43.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	33.3	3.8	*	50.0	7.5	*	50.0	11.0	*
Carotid Endarterectomy	3	0.0	1.7	*	0.0	3.2	*	0.0	4.6	*
Hip Replacement/Reconstruction	2	0.0	0.8	*	0.0	1.3	*	0.0	1.8	*
Open Reduction of Hip Fracture	9	11.1	9.4	*	11.1	16.5	*	11.1	20.5	*
Prostatectomy	29	0.0	1.4	*	0.0	3.3	*	0.0	5.3	*
Cholecystectomy	16	0.0	2.3	*	6.3	4.2	*	12.5	5.8	*
Hysterectomy	4	0.0	2.3	*	0.0	4.4	*	0.0	6.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST ELIZABETH MEDICAL CENTER

2100 Madison Avenue
Granite City, IL 62040

Medicare Provider Number: 140125

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	1,552	9.3	9.4	1.5	13.1	14.2	1.2	16.4	18.1	1.5
CONDITIONS:										
Acute Myocardial Infarction	38	44.7	28.8	*	47.4	32.8	*	47.4	36.5	*
Congestive Heart Failure	88	13.6	15.7	4.5	21.6	24.4	5.5	29.5	31.5	5.9
Pneumonia/Influenza	67	13.4	15.4	4.7	19.4	20.8	5.2	20.9	25.3	7.5
Chronic Obstructive Pulmonary Disease	30	10.0	8.2	*	20.0	14.7	*	23.3	20.3	*
Transient Cerebral Ischemia	41	7.3	1.9	*	7.3	4.3	*	9.8	6.8	*
Stroke	49	16.3	23.9	*	20.4	30.1	*	22.4	34.7	*
Hip Fracture	24	12.5	7.9	*	16.7	13.8	*	16.7	17.5	*
Sepsis	21	23.8	22.8	*	28.6	28.8	*	33.3	33.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	5.3	*	0.0	8.5	*	16.7	11.2	*
Carotid Endarterectomy	3	33.3	2.2	*	33.3	4.2	*	33.3	5.9	*
Hip Replacement/Reconstruction	6	0.0	5.0	*	16.7	10.8	*	16.7	16.4	*
Open Reduction of Hip Fracture	12	8.3	7.7	*	16.7	14.1	*	16.7	18.0	*
Prostatectomy	31	0.0	0.9	*	0.0	2.3	*	3.2	3.9	*
Cholecystectomy	17	11.8	2.0	*	11.8	3.5	*	11.8	4.4	*
Hysterectomy	12	0.0	1.5	*	8.3	3.2	*	16.7	4.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	333
Occupancy Rate	61
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	91
Percent of Physicians Board Certified Specialists	57
Medical Residents/Interns	0
Registered Nurses	233
Licensed Practical Nurses	43

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ST ELIZABETH MEDICAL CENTER

Medicare Provider Number: 140125

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,664	9.3	9.6	0.8	14.7	14.4	1.0	18.3	18.1	1.0
CONDITIONS:										
Acute Myocardial Infarction	49	34.7	29.5	*	38.8	32.6	*	42.9	36.0	*
Congestive Heart Failure	90	15.6	16.4	6.0	30.0	24.9	8.4	35.6	32.0	7.2
Pneumonia/Influenza	50	20.0	18.0	*	22.0	24.1	*	30.0	28.7	*
Chronic Obstructive Pulmonary Disease	30	13.3	11.1	*	26.7	18.5	*	36.7	24.1	*
Transient Cerebral Ischemia	47	2.1	2.1	*	2.1	4.7	*	6.4	7.4	*
Stroke	50	26.0	23.0	*	34.0	29.1	*	36.0	33.8	*
Hip Fracture	36	8.3	7.3	*	13.9	13.3	*	13.9	17.2	*
Sepsis	24	20.8	25.3	*	25.0	32.8	*	25.0	38.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	16.7	1.5	*	33.3	3.2	*	33.3	5.0	*
Carotid Endarterectomy	4	0.0	2.7	*	0.0	5.1	*	0.0	7.6	*
Hip Replacement/Reconstruction	15	6.7	6.3	*	13.3	12.4	*	13.3	16.5	*
Open Reduction of Hip Fracture	18	11.1	6.8	*	16.7	12.6	*	16.7	16.3	*
Prostatectomy	45	2.2	1.4	*	6.7	3.5	*	11.1	5.7	*
Cholecystectomy	24	4.2	2.6	*	4.2	4.7	*	4.2	6.0	*
Hysterectomy	9	0.0	0.5	*	0.0	1.0	*	0.0	1.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,564	9.0	9.0	0.7	14.2	13.6	1.0	17.3	17.2	1.2
CONDITIONS:										
Acute Myocardial Infarction	44	47.7	29.3	*	52.3	32.3	*	54.5	35.6	*
Congestive Heart Failure	93	19.4	17.2	5.1	33.3	26.2	8.8	38.7	33.5	9.1
Pneumonia/Influenza	62	14.5	17.3	6.4	19.4	23.1	8.3	24.2	27.8	7.6
Chronic Obstructive Pulmonary Disease	38	13.2	10.8	*	21.1	17.4	*	23.7	22.4	*
Transient Cerebral Ischemia	41	2.4	2.1	*	2.4	4.5	*	4.9	7.1	*
Stroke	53	26.4	21.3	7.5	34.0	27.8	9.2	41.5	32.4	9.9
Hip Fracture	36	8.3	6.9	*	8.3	12.3	*	11.1	15.6	*
Sepsis	27	29.6	26.5	*	33.3	34.2	*	33.3	39.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	0.0	3.1	*	0.0	7.0	*	0.0	11.0	*
Carotid Endarterectomy	3	0.0	1.5	*	0.0	2.8	*	33.3	4.0	*
Hip Replacement/Reconstruction	9	0.0	6.5	*	11.1	13.3	*	11.1	18.4	*
Open Reduction of Hip Fracture	23	4.3	5.8	*	4.3	11.0	*	8.7	14.3	*
Prostatectomy	29	0.0	1.5	*	0.0	3.8	*	3.4	6.3	*
Cholecystectomy	20	0.0	2.0	*	0.0	4.1	*	0.0	5.7	*
Hysterectomy	15	0.0	0.5	*	0.0	0.9	*	0.0	1.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

361.1

140125

SAINT
ELIZABETH
MEDICAL
CENTER

2100 Madison Ave.
Granite City, Ill. 62040

(618)798-3000
FAX #(618)798-3072

January 15, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert,

We have reviewed the mortality rate information planned for publication in the early Spring, 1991. Our statistical data show us to be within the normal range for all categories. However, we have elected to comment because we believe this information is a poor indicator for judging quality of care. Additionally, we feel that HCFA has made fundamental methodological errors in the model used for their data release.

1. The use of a thirty (30), ninety (90), and one hundred twenty (120), day post hospitalization mortality rate causes inaccurate and inflated percentages by attributing deaths to the hospital that are unrelated to the conditions for which the patients were admitted and treated.

2. Since patients are grouped by principal diagnosis, which is the diagnosis that caused admission and not necessarily death, the mortality statistics by category are misleading. For example, a patient admitted to the hospital for pneumonia but actually dies from cancer is counted as a pneumonia death, similarly, a patient admitted to the hospital for pneumonia who dies in an auto accident within thirty days of discharge is also counted as a pneumonia death.

3. The data do not show the patient admission sources. Those admitted through the Emergency Department are generally high-risk candidates compared to other patients. Additionally, patients admitted from nursing homes tend to be more critically ill than those admitted from their own homes.

4. The data may also be misleading if there are only a small number of cases in a particular group. The smaller the number, the more likely the number is subject to misinterpretation. In most of the groups published, there are not enough cases to yield a reliable test of significance. Therefore, the predicted estimate should not be considered interpretable. There would be no way to determine if there is a real difference between our observed rate and what is expected for our hospital. Moreover, while the published information applies only to Medicare patients, the public may think the data apply to all patients.

5. Taken alone, the data do not allow for interpretation concerning why patients died or whether deaths could have been avoided. Only examination of the medical records could identify particular circumstances.

6. Since the statistics include only Medicare patients, who are naturally older than the general population, a hospital's "success" rate overall and with specific diagnoses can be grossly misinterpreted by the public.

7. The usefulness of the mortality rates in general is questioned since there tends to be a great variance in a hospital's Medicare mortality rate versus the non-Medicare rate versus the overall rate.

8. The Medical Staff has an active Quality Assurance program in place. In addition to a broad, on-going spectrum of cases for review, all deaths are reviewed on a monthly basis to determine if the death was unavoidable and for appropriateness and quality of the care provided. The entire program assists in identifying ways to improve patient care.

Certainly before disseminating this report, the data should be collected for a number of years. Only if the observations remain somewhat constant for each hospital from year to year can it be considered reliable even though questions of validity would still remain.

Sincerely,

Ted Eilerman
President
St. Elizabeth Medical Center
Granite City, Illinois

ST FRANCIS HOSPITAL

1215 East Union Avenue
Litchfield, IL 62056

Medicare Provider Number: 140199

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	869	9.1	9.9	1.6	14.0	15.0	1.6	19.1	19.1	1.6
CONDITIONS:										
Acute Myocardial Infarction	37	32.4	30.9	*	35.1	33.8	*	37.8	37.0	*
Congestive Heart Failure	53	13.2	16.3	8.3	20.8	24.9	9.2	30.2	32.1	8.2
Pneumonia/Influenza	45	22.2	18.2	*	37.8	24.7	*	42.2	29.1	*
Chronic Obstructive Pulmonary Disease	19	5.3	9.9	*	10.5	17.3	*	15.8	23.1	*
Transient Cerebral Ischemia	20	0.0	2.5	*	0.0	5.7	*	10.0	9.2	*
Stroke	32	21.9	23.8	*	34.4	31.1	*	37.5	36.2	*
Hip Fracture	27	14.8	9.0	*	22.2	16.3	*	33.3	21.2	*
Sepsis	6	0.0	23.0	*	16.7	33.7	*	33.3	39.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	14	21.4	8.5	*	28.6	15.6	*	28.6	20.3	*
Open Reduction of Hip Fracture	12	8.3	6.8	*	16.7	13.1	*	41.7	17.7	*
Prostatectomy	20	0.0	1.9	*	0.0	4.6	*	5.0	7.6	*
Cholecystectomy	26	3.8	2.4	*	7.7	4.4	*	7.7	6.0	*
Hysterectomy	7	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	138
Occupancy Rate	41
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	19
Percent of Physicians Board Certified Specialists	63
Medical Residents/Interns	0
Registered Nurses	67
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST FRANCIS HOSPITAL

Medicare Provider Number: 140199

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	984	8.8	10.5	1.4	13.5	15.6	1.8	16.8	19.7	1.8
CONDITIONS:										
Acute Myocardial Infarction	48	22.9	32.1	*	27.1	35.7	*	33.3	39.3	*
Congestive Heart Failure	64	12.5	16.0	5.0	20.3	23.4	5.9	20.3	30.0	8.0
Pneumonia/Influenza	36	13.9	21.5	*	19.4	29.0	*	19.4	34.0	*
Chronic Obstructive Pulmonary Disease	12	8.3	11.0	*	16.7	19.0	*	25.0	25.7	*
Transient Cerebral Ischemia	26	3.8	2.8	*	11.5	6.4	*	11.5	10.4	*
Stroke	33	24.2	25.5	*	36.4	32.7	*	39.4	37.7	*
Hip Fracture	25	24.0	8.6	*	24.0	15.6	*	24.0	20.0	*
Sepsis	9	11.1	27.2	*	33.3	37.7	*	44.4	44.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	8.0	*	0.0	15.6	*	0.0	20.5	*
Open Reduction of Hip Fracture	15	20.0	6.5	*	20.0	12.1	*	20.0	15.8	*
Prostatectomy	24	0.0	1.6	*	0.0	3.6	*	0.0	5.7	*
Cholecystectomy	21	4.8	2.0	*	4.8	3.7	*	4.8	5.0	*
Hysterectomy	9	0.0	0.8	*	0.0	2.0	*	0.0	3.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	985	9.7	10.3	1.6	14.3	15.4	1.6	17.4	19.5	2.0
CONDITIONS:										
Acute Myocardial Infarction	48	27.1	32.6	*	31.3	36.0	*	31.3	39.5	*
Congestive Heart Failure	62	12.9	17.3	6.8	22.6	25.3	6.9	27.4	32.1	9.7
Pneumonia/Influenza	41	17.1	20.8	*	22.0	27.3	*	24.4	32.2	*
Chronic Obstructive Pulmonary Disease	10	0.0	10.9	*	10.0	21.2	*	20.0	29.4	*
Transient Cerebral Ischemia	17	0.0	2.5	*	0.0	5.3	*	0.0	8.2	*
Stroke	31	29.0	27.7	*	35.5	35.1	*	38.7	40.2	*
Hip Fracture	33	12.1	7.7	*	15.2	14.1	*	15.2	18.2	*
Sepsis	7	28.6	24.5	*	28.6	31.4	*	28.6	36.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	6.5	*	0.0	12.4	*	0.0	16.1	*
Open Reduction of Hip Fracture	20	20.0	7.0	*	25.0	13.6	*	25.0	18.1	*
Prostatectomy	21	0.0	1.2	*	0.0	2.9	*	0.0	4.8	*
Cholecystectomy	9	0.0	3.7	*	0.0	7.5	*	0.0	10.5	*
Hysterectomy	4	0.0	0.8	*	0.0	2.2	*	0.0	3.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST FRANCIS HOSPITAL & HEALTH CENTER

12935 S Gregory
Blue Island, IL 60406

Medicare Provider Number: 140118

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,765	10.2	9.5	0.8	15.2	14.5	0.8	19.1	18.3	1.0
CONDITIONS:										
Acute Myocardial Infarction	87	17.2	23.8	6.9	24.1	27.0	6.4	28.7	30.4	5.3
Congestive Heart Failure	192	15.1	14.5	3.1	21.9	22.3	3.2	29.7	28.8	3.4
Pneumonia/Influenza	96	24.0	18.0	7.2	31.3	24.2	9.4	37.5	29.0	10.4
Chronic Obstructive Pulmonary Disease	8	12.5	10.0	*	12.5	17.4	*	12.5	22.8	*
Transient Cerebral Ischemia	57	1.8	2.0	2.0	3.5	4.6	3.2	7.0	7.4	3.6
Stroke	127	20.5	19.5	4.1	25.2	25.8	4.0	27.6	30.1	4.6
Hip Fracture	50	8.0	7.8	*	10.0	14.0	*	14.0	17.9	*
Sepsis	54	29.6	23.2	8.3	40.7	31.6	11.2	48.1	37.5	12.5
PROCEDURES:										
Angioplasty	71	1.4	4.0	2.9	2.8	5.0	3.0	2.8	6.3	3.7
Coronary Artery Bypass Graft	92	2.2	5.2	3.8	4.3	7.3	5.1	5.4	8.7	5.8
Initial Pacemaker Insertion	18	5.6	3.8	*	5.6	7.0	*	11.1	10.0	*
Carotid Endarterectomy	30	0.0	1.7	*	0.0	3.2	*	0.0	4.6	*
Hip Replacement/Reconstruction	26	3.8	3.7	*	3.8	7.2	*	3.8	10.0	*
Open Reduction of Hip Fracture	24	8.3	7.6	*	12.5	14.1	*	16.7	18.1	*
Prostatectomy	125	0.0	0.9	1.5	3.2	2.2	1.6	4.0	3.7	1.7
Cholecystectomy	50	0.0	3.3	*	0.0	5.7	*	2.0	7.1	*
Hysterectomy	13	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	294
Occupancy Rate	71
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	229
Percent of Physicians Board Certified Specialists	83
Medical Residents/Interns	0
Registered Nurses	306
Licensed Practical Nurses	11

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST FRANCIS HOSPITAL & HEALTH CENTER

Medicare Provider Number: 140118

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,066	10.8	9.5	0.7	16.4	14.5	0.9	20.4	18.3	1.0
CONDITIONS:										
Acute Myocardial Infarction	84	16.7	26.0	7.1	23.8	29.7	6.2	25.0	33.3	7.0
Congestive Heart Failure	189	20.1	15.8	4.1	31.2	24.3	5.0	34.4	31.2	3.9
Pneumonia/Influenza	98	21.4	17.9	7.0	29.6	24.4	9.0	34.7	29.3	10.9
Chronic Obstructive Pulmonary Disease	11	0.0	4.7	*	0.0	9.0	*	0.0	12.9	*
Transient Cerebral Ischemia	79	2.5	2.1	1.9	5.1	4.8	2.4	7.6	7.5	3.0
Stroke	144	26.4	20.0	4.8	34.0	27.3	7.1	38.9	32.0	6.4
Hip Fracture	64	14.1	8.3	5.4	15.6	15.0	5.2	20.3	19.1	5.2
Sepsis	50	30.0	24.1	*	36.0	31.0	*	42.0	36.4	*
PROCEDURES:										
Angioplasty	59	0.0	3.5	*	0.0	4.5	*	0.0	5.6	*
Coronary Artery Bypass Graft	80	2.5	6.3	3.8	5.0	8.4	4.3	5.0	9.6	4.3
Initial Pacemaker Insertion	27	3.7	3.9	*	11.1	7.3	*	14.8	10.4	*
Carotid Endarterectomy	21	0.0	1.5	*	0.0	2.9	*	0.0	4.3	*
Hip Replacement/Reconstruction	40	5.0	3.2	*	7.5	6.1	*	7.5	7.9	*
Open Reduction of Hip Fracture	27	7.4	7.2	*	7.4	13.7	*	14.8	17.9	*
Prostatectomy	136	2.2	1.4	1.5	4.4	3.2	2.5	8.1	5.1	2.5
Cholecystectomy	46	4.3	4.0	*	8.7	7.4	*	13.0	9.9	*
Hysterectomy	21	0.0	0.7	*	0.0	1.6	*	0.0	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,070	9.9	9.6	0.8	15.0	14.5	0.8	19.0	18.3	0.9
CONDITIONS:										
Acute Myocardial Infarction	100	14.0	26.5	7.0	18.0	29.6	6.9	22.0	32.8	6.7
Congestive Heart Failure	204	13.7	15.3	3.2	22.5	23.1	3.0	30.9	29.7	3.6
Pneumonia/Influenza	107	20.6	19.0	3.8	29.0	25.4	4.4	40.2	30.2	5.6
Chronic Obstructive Pulmonary Disease	32	9.4	9.9	*	21.9	16.4	*	37.5	21.3	*
Transient Cerebral Ischemia	71	5.6	2.2	2.6	11.3	4.7	4.8	12.7	7.3	4.7
Stroke	124	21.8	22.9	3.9	29.8	30.1	4.5	32.3	34.5	5.3
Hip Fracture	66	6.1	6.5	3.1	12.1	11.6	4.0	15.2	15.0	4.4
Sepsis	54	24.1	23.6	7.3	35.2	31.7	7.9	38.9	38.0	6.8
PROCEDURES:										
Angioplasty	63	6.3	5.0	3.0	6.3	6.0	3.1	7.9	7.2	3.6
Coronary Artery Bypass Graft	83	8.4	6.5	3.5	8.4	8.6	3.5	8.4	9.8	3.6
Initial Pacemaker Insertion	27	0.0	3.0	*	0.0	5.8	*	3.7	8.5	*
Carotid Endarterectomy	21	4.8	1.6	*	4.8	3.0	*	9.5	4.4	*
Hip Replacement/Reconstruction	41	4.9	3.9	*	7.3	7.3	*	7.3	9.5	*
Open Reduction of Hip Fracture	19	0.0	6.8	*	5.3	12.8	*	15.8	16.6	*
Prostatectomy	118	0.0	1.4	1.7	2.5	3.4	1.9	5.9	5.6	2.1
Cholecystectomy	54	7.4	4.5	3.9	11.1	7.8	6.0	16.7	10.0	7.9
Hysterectomy	23	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

365.1

ST. FRANCIS HOSPITAL
& HEALTH CENTER
12935 South Gregory Street
Blue Island, Illinois 60406
708·597·2000

December 26, 1990

Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Medicare Provider
Number 14-0118

Dear Mrs. Kappert:

The 1989 data presented by HCFA indicates that of the 3,885 Medicare patients admitted to St. Francis Hospital & Health Center, 396 died within 30 days of admission.

Our records indicate that 4,812 Medicare patients were admitted to St. Francis with 342 deaths. Presumably the discrepancy in admissions reflects multiple admissions of individual beneficiaries to the hospital or different hospitals. Information to verify the discrepancy in deaths within 30 days is unavailable. There is a concern that the 30-day post-admission mortality rate includes deaths that are unrelated to the condition of some patients at the time of discharge, such as those resulting from post discharge accidents and they should be extracted from the data.

The mortality data does not measure quality of care and provides no basis for comparisons. The data were derived from a group of patient characteristics that vary from hospital to hospital and the predicted ranges for mortality rates do not include key factors as severity of illness, transfers from nursing homes, local demographics and lifestyles.

Although St. Francis Hospital fell within the predicted mortality ranges in 1987, 1988, and 1989, no conclusions can be drawn from the data without further examination, including review of each case to determine the circumstances of death.

I would like to emphasize that St. Francis Hospital & Health Center is dedicated to providing quality care and this commitment has been operationalized through an ongoing, comprehensive Quality Assurance and Utilization Review Program.

Sincerely,

A. L. Sheetz, M.D.

A.L. Sheetz, M.D.
Chairman
Medical Staff Review Committee

cc: Michael E. Garrigan
  FACHE - President
 Roseann Christophersen
  Vice President, Operations
 Cyndee Hartz, Divisonal Director
  Quality Resource Management

ST FRANCIS HOSPITAL OF EVANSTON

355 Ridge Ave
Evanston, IL 60202

Medicare Provider Number: 140080

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	3,594	9.6	10.4	0.9	14.9	15.7	1.0	18.9	19.7	1.0
CONDITIONS:										
Acute Myocardial Infarction	123	26.8	27.8	4.6	31.7	31.9	5.1	34.1	35.8	5.5
Congestive Heart Failure	167	9.6	17.5	4.2	19.2	26.8	4.6	28.7	34.2	4.1
Pneumonia/Influenza	120	17.5	19.7	5.2	25.8	26.5	7.2	30.0	31.6	4.8
Chronic Obstructive Pulmonary Disease	17	11.8	7.1	*	17.6	12.5	*	23.5	17.6	*
Transient Cerebral Ischemia	42	2.4	2.4	*	11.9	5.5	*	14.3	8.7	*
Stroke	125	25.6	23.6	4.3	30.4	30.8	4.7	36.8	35.5	5.0
Hip Fracture	72	2.8	6.5	4.6	5.6	11.9	6.3	9.7	15.6	6.6
Sepsis	77	33.8	34.3	5.7	44.2	46.2	5.9	55.8	53.6	6.5
PROCEDURES:										
Angioplasty	186	2.2	2.4	1.1	2.7	3.2	1.4	3.2	4.2	1.7
Coronary Artery Bypass Graft	211	6.2	5.3	2.0	9.5	7.7	2.6	11.4	9.3	2.4
Initial Pacemaker Insertion	29	6.9	3.7	*	10.3	7.4	*	10.3	10.8	*
Carotid Endarterectomy	16	12.5	1.5	*	12.5	2.7	*	12.5	3.9	*
Hip Replacement/Reconstruction	60	3.3	2.7	2.3	8.3	5.3	3.9	8.3	7.2	3.5
Open Reduction of Hip Fracture	33	3.0	6.6	*	6.1	12.2	*	12.1	16.1	*
Prostatectomy	85	1.2	2.1	1.7	1.2	4.2	3.4	4.7	6.5	3.1
Cholecystectomy	49	2.0	3.6	*	4.1	6.6	*	4.1	8.6	*
Hysterectomy	21	0.0	1.1	*	0.0	2.4	*	0.0	3.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	42
Occupancy Rate	24
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST FRANCIS HOSPITAL OF EVANSTON

Medicare Provider Number: 140080

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,717	9.9	11.0	0.7	15.5	16.5	0.8	19.7	20.5	0.8
CONDITIONS:										
Acute Myocardial Infarction	128	28.1	34.8	7.5	31.3	38.7	8.3	34.4	42.4	9.1
Congestive Heart Failure	181	17.7	18.3	4.0	28.7	27.4	3.7	36.5	34.6	4.3
Pneumonia/Influenza	140	17.9	23.8	5.7	26.4	31.4	5.9	30.0	36.7	6.8
Chronic Obstructive Pulmonary Disease	30	6.7	11.6	*	20.0	19.0	*	23.3	24.6	*
Transient Cerebral Ischemia	44	0.0	2.4	*	2.3	5.0	*	4.5	7.9	*
Stroke	94	26.6	25.3	4.6	35.1	31.7	5.8	35.1	36.4	7.0
Hip Fracture	72	11.1	8.5	5.0	20.8	15.1	8.5	25.0	19.1	9.2
Sepsis	55	54.5	40.0	10.0	65.5	52.5	9.1	69.1	60.2	8.9
PROCEDURES:										
Angioplasty	187	7.0	3.4	2.0	9.6	4.3	2.5	11.2	5.3	2.8
Coronary Artery Bypass Graft	189	9.0	6.7	3.8	10.6	9.4	2.4	11.6	11.1	2.3
Initial Pacemaker Insertion	29	3.4	6.3	*	3.4	10.1	*	6.9	13.1	*
Carotid Endarterectomy	31	0.0	1.4	*	0.0	2.5	*	0.0	3.7	*
Hip Replacement/Reconstruction	55	10.9	3.9	6.1	14.5	7.7	6.9	14.5	10.4	6.9
Open Reduction of Hip Fracture	39	7.7	8.1	*	17.9	15.0	*	25.6	19.2	*
Prostatectomy	97	3.1	1.5	2.1	4.1	3.7	3.4	9.3	6.0	3.1
Cholecystectomy	43	7.0	3.9	*	9.3	7.1	*	11.6	9.2	*
Hysterectomy	11	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,549	8.5	11.1	2.2	15.3	16.8	1.4	19.0	20.9	1.6
CONDITIONS:										
Acute Myocardial Infarction	122	25.4	29.1	4.6	27.9	33.2	5.2	28.7	37.0	6.3
Congestive Heart Failure	179	14.5	19.4	3.8	26.8	28.5	3.7	33.0	35.7	3.8
Pneumonia/Influenza	127	15.7	23.5	4.9	19.7	31.3	6.3	25.2	36.7	6.4
Chronic Obstructive Pulmonary Disease	43	4.7	14.4	*	11.6	24.5	*	18.6	31.7	*
Transient Cerebral Ischemia	66	1.5	2.2	1.9	3.0	4.8	3.3	7.6	7.5	3.5
Stroke	96	20.8	27.0	4.9	35.4	33.8	4.9	40.6	38.7	5.4
Hip Fracture	69	5.8	8.7	6.2	10.1	14.9	8.0	14.5	18.9	8.5
Sepsis	60	38.3	33.7	9.1	51.7	44.0	9.5	55.0	51.4	7.5
PROCEDURES:										
Angioplasty	183	3.3	4.2	1.8	4.4	5.4	1.9	6.6	6.6	1.8
Coronary Artery Bypass Graft	188	4.3	6.0	2.6	6.9	8.3	2.6	8.0	9.7	2.8
Initial Pacemaker Insertion	40	2.5	3.7	*	5.0	7.0	*	5.0	10.1	*
Carotid Endarterectomy	25	0.0	1.6	*	0.0	3.0	*	0.0	4.4	*
Hip Replacement/Reconstruction	42	2.4	3.1	*	4.8	5.6	*	7.1	7.4	*
Open Reduction of Hip Fracture	49	6.1	8.3	*	12.2	15.1	*	16.3	19.4	*
Prostatectomy	92	0.0	1.6	1.7	1.1	3.9	2.6	2.2	6.4	3.4
Cholecystectomy	39	2.6	5.5	*	10.3	10.0	*	10.3	13.0	*
Hysterectomy	19	0.0	1.4	*	5.3	3.2	*	5.3	5.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST FRANCIS MEDICAL CENTER

530 N E Glen Oak
Peoria, IL 61637

Medicare Provider Number: 140067

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,335	8.6	9.1	0.9	12.9	13.8	0.8	16.1	17.5	0.9
CONDITIONS:										
Acute Myocardial Infarction	90	24.4	28.9	8.3	30.0	32.3	8.0	31.1	35.6	7.6
Congestive Heart Failure	109	8.3	14.2	6.0	16.5	21.7	6.6	22.0	28.0	7.3
Pneumonia/Influenza	87	14.9	16.1	4.8	19.5	21.9	5.9	23.0	26.5	7.5
Chronic Obstructive Pulmonary Disease	38	5.3	9.1	*	15.8	15.6	*	15.8	21.2	*
Transient Cerebral Ischemia	36	5.6	1.9	*	11.1	4.2	*	13.9	6.6	*
Stroke	134	29.1	21.9	7.1	29.1	28.5	6.1	33.6	32.9	5.5
Hip Fracture	70	4.3	6.3	3.7	10.0	11.3	4.3	12.9	14.7	4.9
Sepsis	18	16.7	22.8	*	27.8	29.9	*	27.8	35.5	*
PROCEDURES:										
Angioplasty	82	0.0	3.5	3.3	1.2	4.7	3.7	2.4	6.0	4.6
Coronary Artery Bypass Graft	115	2.6	7.0	3.3	5.2	10.0	3.9	7.0	11.9	3.5
Initial Pacemaker Insertion	22	0.0	3.4	*	0.0	6.5	*	0.0	9.5	*
Carotid Endarterectomy	10	0.0	2.4	*	0.0	5.2	*	10.0	8.0	*
Hip Replacement/Reconstruction	53	0.0	2.1	3.1	1.9	3.6	4.2	3.8	4.7	4.8
Open Reduction of Hip Fracture	21	0.0	5.1	*	4.8	9.4	*	4.8	12.3	*
Prostatectomy	68	0.0	1.4	1.9	0.0	3.0	3.2	1.5	4.7	3.7
Cholecystectomy	52	0.0	3.4	3.8	3.8	6.1	4.1	5.8	8.1	4.5
Hysterectomy	18	0.0	1.2	*	0.0	2.5	*	5.6	3.6	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	607
Occupancy Rate	73
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	242
Percent of Physicians Board Certified Specialists	73
Medical Residents/Interns	84
Registered Nurses	933
Licensed Practical Nurses	123

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ST FRANCIS MEDICAL CENTER

Medicare Provider Number: 140067

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,680	8.6	9.0	0.6	13.0	13.8	0.6	16.1	17.5	0.8
CONDITIONS:										
Acute Myocardial Infarction	99	18.2	27.0	6.2	23.2	30.4	6.1	25.3	33.9	6.4
Congestive Heart Failure	124	18.5	15.5	4.2	25.8	24.0	4.5	32.3	30.9	4.3
Pneumonia/Influenza	105	21.9	18.0	6.0	32.4	24.5	6.3	39.0	29.4	7.8
Chronic Obstructive Pulmonary Disease	36	2.8	7.3	*	8.3	12.5	*	11.1	17.0	*
Transient Cerebral Ischemia	45	0.0	2.5	*	2.2	5.5	*	8.9	8.7	*
Stroke	139	30.9	24.4	4.5	39.6	31.4	6.0	43.9	36.1	5.4
Hip Fracture	79	3.8	6.6	3.9	11.4	12.0	3.7	13.9	15.3	4.3
Sepsis	21	47.6	32.5	*	52.4	40.2	*	52.4	46.2	*
PROCEDURES:										
Angioplasty	50	2.0	4.9	*	6.0	6.2	*	6.0	7.6	*
Coronary Artery Bypass Graft	116	2.6	7.0	3.2	6.0	9.7	3.8	6.0	11.4	3.8
Initial Pacemaker Insertion	21	4.8	3.0	*	4.8	5.2	*	9.5	7.5	*
Carotid Endarterectomy	21	0.0	1.9	*	0.0	3.9	*	0.0	5.8	*
Hip Replacement/Reconstruction	57	0.0	2.2	2.9	5.3	4.0	2.8	5.3	5.2	3.2
Open Reduction of Hip Fracture	25	4.0	6.4	*	8.0	11.9	*	12.0	15.3	*
Prostatectomy	89	1.1	1.5	1.3	5.6	3.6	2.9	5.6	6.0	2.6
Cholecystectomy	61	4.9	3.6	2.6	8.2	6.0	4.0	9.8	7.4	4.7
Hysterectomy	16	0.0	0.6	*	0.0	1.2	*	0.0	1.7	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,769	7.4	9.1	2.8	11.8	14.0	3.2	14.9	17.7	3.6
CONDITIONS:										
Acute Myocardial Infarction	98	22.4	28.4	7.5	27.6	32.1	7.4	30.6	35.7	8.1
Congestive Heart Failure	123	20.3	17.0	4.4	28.5	25.2	6.0	36.6	31.9	6.4
Pneumonia/Influenza	113	18.6	19.2	6.1	31.9	25.9	7.7	36.3	30.9	7.8
Chronic Obstructive Pulmonary Disease	42	2.4	11.4	*	4.8	19.7	*	16.7	26.4	*
Transient Cerebral Ischemia	46	4.3	1.8	*	4.3	3.8	*	4.3	6.0	*
Stroke	153	22.9	24.2	4.7	28.8	31.2	4.5	32.0	35.8	5.7
Hip Fracture	79	10.1	7.9	4.8	15.2	14.3	4.6	20.3	18.4	4.7
Sepsis	21	28.6	30.4	*	38.1	39.1	*	47.6	45.2	*
PROCEDURES:										
Angioplasty	36	2.8	6.4	*	5.6	7.4	*	8.3	8.7	*
Coronary Artery Bypass Graft	122	1.6	7.0	3.3	3.3	9.4	3.8	4.1	10.8	4.2
Initial Pacemaker Insertion	33	3.0	3.4	*	3.0	6.6	*	6.1	9.4	*
Carotid Endarterectomy	27	7.4	1.5	*	7.4	2.7	*	7.4	3.8	*
Hip Replacement/Reconstruction	63	6.3	2.4	3.2	7.9	4.7	3.5	7.9	6.3	3.6
Open Reduction of Hip Fracture	34	5.9	6.9	*	5.9	12.9	*	11.8	16.7	*
Prostatectomy	85	1.2	1.5	1.4	1.2	3.7	2.9	3.5	6.0	3.6
Cholecystectomy	55	5.5	5.3	3.3	10.9	8.9	4.2	12.7	11.2	4.4
Hysterectomy	19	0.0	1.3	*	5.3	2.7	*	5.3	4.1	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST JAMES HOSPITAL

610 E Water St
Pontiac, IL 61764

Medicare Provider Number: 140161

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	750	10.3	8.2	1.3	13.5	13.0	1.2	16.5	16.9	1.4
CONDITIONS:										
Acute Myocardial Infarction	23	43.5	23.5	*	43.5	27.3	*	43.5	31.0	*
Congestive Heart Failure	45	20.0	13.6	*	26.7	21.5	*	33.3	28.2	*
Pneumonia/Influenza	49	16.3	16.3	*	18.4	22.9	*	20.4	27.8	*
Chronic Obstructive Pulmonary Disease	16	6.3	7.1	*	18.8	12.8	*	25.0	17.8	*
Transient Cerebral Ischemia	21	4.8	2.9	*	4.8	7.1	*	4.8	11.6	*
Stroke	12	41.7	21.8	*	41.7	27.3	*	41.7	31.5	*
Hip Fracture	25	4.0	6.0	*	8.0	11.7	*	20.0	15.9	*
Sepsis	2	0.0	22.5	*	0.0	32.1	*	0.0	37.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	100.0	9.5	*	100.0	19.3	*	100.0	27.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	5.9	*	0.0	12.6	*	0.0	18.5	*
Open Reduction of Hip Fracture	12	0.0	5.1	*	8.3	10.2	*	25.0	14.0	*
Prostatectomy	12	0.0	0.8	*	0.0	2.1	*	8.3	3.7	*
Cholecystectomy	11	0.0	1.8	*	0.0	2.8	*	0.0	3.5	*
Hysterectomy	10	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	93
Occupancy Rate	48
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	28
Percent of Physicians Board Certified Specialists	57
Medical Residents/Interns	0
Registered Nurses	64
Licensed Practical Nurses	18

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST JAMES HOSPITAL

Medicare Provider Number: 140161

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	780	7.1	7.4	1.8	11.7	12.1	1.8	14.7	15.9	1.7
CONDITIONS:										
Acute Myocardial Infarction	16	6.3	28.1	*	25.0	33.1	*	25.0	37.0	*
Congestive Heart Failure	42	14.3	15.2	*	21.4	24.2	*	28.6	31.3	*
Pneumonia/Influenza	22	13.6	18.5	*	27.3	24.9	*	31.8	29.7	*
Chronic Obstructive Pulmonary Disease	15	0.0	9.6	*	13.3	15.8	*	13.3	20.2	*
Transient Cerebral Ischemia	27	3.7	1.9	*	3.7	4.3	*	3.7	6.8	*
Stroke	24	20.8	17.1	*	20.8	23.5	*	25.0	27.9	*
Hip Fracture	23	0.0	5.6	*	4.3	10.9	*	8.7	14.7	*
Sepsis	1	0.0	32.8	*	100.0	38.4	*	100.0	45.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	5.6	*	0.0	11.1	*	0.0	15.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	0.0	5.4	*	0.0	10.9	*	0.0	14.8	*
Open Reduction of Hip Fracture	10	0.0	5.0	*	10.0	9.9	*	20.0	13.5	*
Prostatectomy	15	0.0	1.2	*	0.0	3.1	*	0.0	5.4	*
Cholecystectomy	10	10.0	2.4	*	10.0	5.1	*	10.0	7.2	*
Hysterectomy	5	0.0	0.3	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	763	7.6	8.6	1.4	11.0	13.5	2.4	13.4	17.4	3.6
CONDITIONS:										
Acute Myocardial Infarction	21	42.9	29.7	*	47.6	33.5	*	47.6	37.4	*
Congestive Heart Failure	37	10.8	15.2	*	18.9	23.4	*	24.3	30.3	*
Pneumonia/Influenza	29	24.1	17.2	*	34.5	22.8	*	34.5	27.3	*
Chronic Obstructive Pulmonary Disease	20	5.0	7.3	*	5.0	13.4	*	10.0	18.5	*
Transient Cerebral Ischemia	22	0.0	2.0	*	13.6	4.4	*	13.6	7.2	*
Stroke	26	26.9	26.8	*	26.9	34.1	*	26.9	39.1	*
Hip Fracture	18	0.0	5.4	*	0.0	10.1	*	0.0	13.4	*
Sepsis	7	14.3	27.1	*	14.3	34.5	*	14.3	40.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	12.5	3.0	*	12.5	6.6	*	37.5	10.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	3.5	*	0.0	6.8	*	0.0	9.2	*
Open Reduction of Hip Fracture	5	0.0	4.2	*	0.0	8.7	*	0.0	12.1	*
Prostatectomy	16	0.0	0.8	*	0.0	2.0	*	0.0	3.5	*
Cholecystectomy	6	16.7	4.6	*	16.7	10.5	*	33.3	16.1	*
Hysterectomy	3	0.0	4.4	*	0.0	7.0	*	0.0	9.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST JAMES HOSPITAL MEDICAL CENTER

1423 Chicago Road
Chicago Heights, IL 60411

Medicare Provider Number: 140079

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,181	9.9	9.6	1.1	14.7	14.8	1.2	18.8	18.7	0.9
CONDITIONS:										
Acute Myocardial Infarction	61	27.9	24.5	7.1	32.8	27.7	7.6	34.4	31.1	6.8
Congestive Heart Failure	156	15.4	15.3	2.9	21.8	23.9	4.5	29.5	30.8	4.5
Pneumonia/Influenza	110	17.3	18.4	3.8	24.5	24.8	4.1	31.8	29.8	4.7
Chronic Obstructive Pulmonary Disease	23	8.7	6.0	*	8.7	10.8	*	13.0	15.2	*
Transient Cerebral Ischemia	49	0.0	1.8	*	4.1	3.9	*	4.1	6.1	*
Stroke	80	21.2	19.8	6.2	28.7	26.1	7.4	33.7	30.4	8.4
Hip Fracture	55	3.6	6.8	5.7	14.5	12.1	5.0	16.4	15.7	5.1
Sepsis	44	50.0	25.0	*	54.5	34.5	*	54.5	41.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	23	4.3	4.1	*	17.4	7.3	*	17.4	10.3	*
Carotid Endarterectomy	13	0.0	1.8	*	0.0	3.3	*	0.0	4.8	*
Hip Replacement/Reconstruction	35	0.0	3.8	*	5.7	7.4	*	8.6	10.0	*
Open Reduction of Hip Fracture	31	6.5	5.9	*	19.4	11.3	*	19.4	14.9	*
Prostatectomy	44	0.0	1.2	*	2.3	2.8	*	4.5	4.4	*
Cholecystectomy	18	0.0	2.4	*	5.6	3.9	*	5.6	4.7	*
Hysterectomy	13	7.7	0.4	*	7.7	0.9	*	7.7	1.4	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	330
Occupancy Rate	60
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	179
Percent of Physicians Board Certified Specialists	67
Medical Residents/Interns	0
Registered Nurses	202
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ST JAMES HOSPITAL MEDICAL CENTER

Medicare Provider Number: 140079

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,433	10.2	9.9	0.6	14.9	15.2	0.8	18.5	19.3	0.9
CONDITIONS:										
Acute Myocardial Infarction	69	31.9	28.4	8.5	33.3	32.2	7.3	36.2	35.9	6.1
Congestive Heart Failure	160	11.9	15.3	3.2	20.0	23.3	3.7	22.5	29.9	5.0
Pneumonia/Influenza	105	26.7	18.2	6.3	31.4	24.5	6.0	34.3	29.5	5.4
Chronic Obstructive Pulmonary Disease	27	18.5	8.7	*	25.9	16.6	*	29.6	23.1	*
Transient Cerebral Ischemia	69	4.3	2.3	2.1	7.2	4.9	3.1	7.2	7.6	3.2
Stroke	104	18.3	22.2	6.4	27.9	29.4	5.8	32.7	34.1	5.3
Hip Fracture	49	16.3	7.3	*	22.4	12.9	*	22.4	16.4	*
Sepsis	44	31.8	26.0	*	43.2	34.7	*	45.5	40.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	19	0.0	4.5	*	0.0	8.4	*	0.0	11.8	*
Carotid Endarterectomy	16	0.0	1.5	*	6.3	2.9	*	6.3	4.2	*
Hip Replacement/Reconstruction	26	7.7	3.5	*	11.5	6.6	*	11.5	8.7	*
Open Reduction of Hip Fracture	29	17.2	6.6	*	20.7	12.0	*	20.7	15.2	*
Prostatectomy	73	0.0	1.3	1.7	1.4	3.0	2.5	1.4	5.0	3.9
Cholecystectomy	39	0.0	3.1	*	2.6	5.4	*	5.1	7.2	*
Hysterectomy	18	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,225	11.3	10.7	0.8	17.3	16.0	1.1	20.8	20.1	2.2
CONDITIONS:										
Acute Myocardial Infarction	83	36.1	30.7	6.5	37.3	33.7	5.9	38.6	37.1	5.6
Congestive Heart Failure	163	16.0	16.9	3.3	25.2	25.5	3.5	30.1	32.6	4.3
Pneumonia/Influenza	96	28.1	19.8	5.8	36.5	26.4	6.7	43.8	31.5	7.7
Chronic Obstructive Pulmonary Disease	34	14.7	8.7	*	23.5	16.6	*	23.5	23.2	*
Transient Cerebral Ischemia	51	5.9	1.9	3.9	7.8	3.8	5.7	11.8	6.0	5.9
Stroke	97	17.5	25.1	6.0	36.1	32.7	7.0	39.2	37.4	5.1
Hip Fracture	44	2.3	6.8	*	9.1	12.1	*	15.9	15.5	*
Sepsis	30	20.0	26.7	*	30.0	34.1	*	30.0	39.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	14	7.1	5.6	*	14.3	10.6	*	21.4	15.0	*
Carotid Endarterectomy	19	0.0	1.8	*	0.0	3.3	*	0.0	4.8	*
Hip Replacement/Reconstruction	18	0.0	2.7	*	5.6	5.0	*	11.1	6.4	*
Open Reduction of Hip Fracture	32	3.1	6.1	*	9.4	11.5	*	15.6	14.9	*
Prostatectomy	63	1.6	1.0	1.4	1.6	2.5	2.1	1.6	4.1	3.3
Cholecystectomy	24	0.0	2.9	*	0.0	5.3	*	0.0	6.9	*
Hysterectomy	22	0.0	1.5	*	0.0	2.5	*	0.0	3.3	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST JOHNS HOSPITAL

800 E Carpenter St
Springfield, IL 62702

Medicare Provider Number: 140053

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,986	7.2	7.7	0.6	11.9	11.9	0.5	15.0	15.2	0.5
CONDITIONS:										
Acute Myocardial Infarction	193	22.3	25.3	5.6	24.4	28.4	6.4	26.9	31.5	7.2
Congestive Heart Failure	179	17.3	14.7	3.1	29.1	22.9	4.9	35.8	29.7	6.4
Pneumonia/Influenza	128	13.3	15.8	4.6	18.8	21.5	6.2	23.4	26.0	5.8
Chronic Obstructive Pulmonary Disease	43	9.3	8.3	*	16.3	15.2	*	25.6	21.2	*
Transient Cerebral Ischemia	76	0.0	1.8	2.2	0.0	3.8	4.1	3.9	6.0	3.3
Stroke	132	14.4	20.0	6.7	25.0	26.7	6.9	27.3	31.1	7.3
Hip Fracture	98	9.2	7.0	3.1	13.3	12.5	3.4	15.3	16.1	3.8
Sepsis	19	21.1	27.4	*	26.3	36.1	*	26.3	41.4	*
PROCEDURES:										
Angioplasty	117	2.6	3.3	1.7	4.3	4.2	1.9	5.1	5.3	2.1
Coronary Artery Bypass Graft	232	3.4	6.3	1.9	4.7	8.5	2.5	4.7	10.0	2.9
Initial Pacemaker Insertion	48	0.0	3.3	*	0.0	6.2	*	2.1	8.9	*
Carotid Endarterectomy	39	2.6	1.6	*	2.6	3.1	*	5.1	4.5	*
Hip Replacement/Reconstruction	87	2.3	3.0	2.4	5.7	5.8	3.9	10.3	7.9	5.0
Open Reduction of Hip Fracture	36	8.3	7.2	*	13.9	13.2	*	13.9	17.0	*
Prostatectomy	177	1.7	1.1	1.2	4.0	2.7	1.8	6.8	4.4	2.3
Cholecystectomy	107	1.9	3.2	1.9	3.7	5.8	3.0	4.7	7.7	4.0
Hysterectomy	23	4.3	1.1	*	4.3	2.4	*	4.3	3.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	729
Occupancy Rate	73
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	402
Percent of Physicians Board Certified Specialists	79
Medical Residents/Interns	72
Registered Nurses	585
Licensed Practical Nurses	200

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ST JOHNS HOSPITAL

Medicare Provider Number: 140053

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	5,501	7.3	8.1	0.6	11.6	12.6	0.7	14.8	16.1	0.8
CONDITIONS:										
Acute Myocardial Infarction	139	27.3	28.8	4.0	32.4	32.5	4.5	35.3	36.1	4.4
Congestive Heart Failure	211	17.5	16.5	3.3	25.1	24.8	3.0	31.3	31.7	3.4
Pneumonia/Influenza	133	14.3	17.8	4.7	22.6	24.2	4.1	27.1	29.0	4.5
Chronic Obstructive Pulmonary Disease	35	11.4	9.0	*	22.9	15.5	*	34.3	20.7	*
Transient Cerebral Ischemia	91	0.0	2.0	2.6	1.1	4.3	4.1	5.5	6.7	3.3
Stroke	152	15.1	23.4	5.0	23.0	30.0	4.9	25.7	34.6	5.4
Hip Fracture	117	6.0	6.9	2.9	13.7	12.3	3.7	17.9	15.8	5.0
Sepsis	25	24.0	26.4	*	36.0	33.8	*	36.0	39.1	*
PROCEDURES:										
Angioplasty	123	2.4	3.0	1.7	3.3	4.0	2.2	3.3	5.1	3.0
Coronary Artery Bypass Graft	249	6.0	6.7	1.7	8.8	8.9	1.8	9.6	10.5	2.1
Initial Pacemaker Insertion	70	1.4	4.5	3.2	2.9	7.9	4.6	2.9	11.2	6.5
Carotid Endarterectomy	48	0.0	1.7	*	2.1	3.1	*	2.1	4.5	*
Hip Replacement/Reconstruction	105	3.8	2.9	2.3	5.7	5.7	2.4	7.6	7.7	2.6
Open Reduction of Hip Fracture	48	4.2	6.6	*	18.8	12.1	*	25.0	15.7	*
Prostatectomy	240	1.7	1.4	1.0	3.7	3.4	1.5	5.4	5.5	1.5
Cholecystectomy	85	4.7	4.1	2.6	8.2	7.4	2.9	9.4	9.8	3.3
Hysterectomy	43	2.3	1.3	*	4.7	2.4	*	4.7	3.4	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	5,555	8.2	7.8	1.0	12.0	12.2	0.6	15.2	15.7	0.6
CONDITIONS:										
Acute Myocardial Infarction	105	26.7	28.9	5.1	27.6	32.1	6.0	36.2	35.5	5.3
Congestive Heart Failure	251	16.7	16.6	2.4	24.7	25.0	2.8	33.1	32.0	3.5
Pneumonia/Influenza	104	15.4	16.6	4.3	21.2	22.4	4.3	23.1	27.0	6.5
Chronic Obstructive Pulmonary Disease	56	14.3	13.1	6.0	19.6	21.1	5.7	26.8	27.3	6.5
Transient Cerebral Ischemia	110	2.7	1.8	1.5	2.7	3.7	2.0	4.5	5.8	2.5
Stroke	137	21.9	21.9	4.4	27.7	29.0	4.3	32.8	33.5	4.1
Hip Fracture	99	7.1	8.2	4.3	10.1	14.4	6.2	15.2	18.2	6.4
Sepsis	18	33.3	30.6	*	44.4	39.7	*	55.6	46.0	*
PROCEDURES:										
Angioplasty	120	5.0	3.8	2.0	5.8	4.8	2.5	9.2	6.0	3.8
Coronary Artery Bypass Graft	235	6.4	6.7	1.8	7.7	8.4	2.7	7.7	9.6	3.2
Initial Pacemaker Insertion	98	7.1	4.0	3.4	11.2	7.6	4.0	14.3	11.0	3.7
Carotid Endarterectomy	34	0.0	1.7	*	0.0	3.2	*	0.0	4.5	*
Hip Replacement/Reconstruction	98	4.1	3.0	2.1	5.1	5.5	2.4	7.1	7.1	2.7
Open Reduction of Hip Fracture	36	11.1	8.1	*	16.7	15.0	*	22.2	19.2	*
Prostatectomy	229	0.9	1.5	1.0	1.3	3.6	1.8	3.1	5.8	2.3
Cholecystectomy	116	6.9	3.6	2.9	9.5	6.3	3.7	11.2	8.1	3.5
Hysterectomy	33	0.0	0.7	*	0.0	1.6	*	0.0	2.5	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST JOSEPH HOSPITAL

1005 Julien St
Belvidere, IL 61008

Medicare Provider Number: 140128

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	471	8.5	9.9	2.1	13.6	15.0	2.0	18.0	19.2	2.3
CONDITIONS:										
Acute Myocardial Infarction	13	23.1	31.7	*	23.1	36.1	*	30.8	40.5	*
Congestive Heart Failure	22	13.6	15.9	*	18.2	24.6	*	31.8	31.7	*
Pneumonia/Influenza	43	14.0	19.5	*	30.2	26.2	*	32.6	31.4	*
Chronic Obstructive Pulmonary Disease	5	0.0	8.2	*	0.0	16.3	*	0.0	23.8	*
Transient Cerebral Ischemia	12	8.3	1.9	*	16.7	4.2	*	16.7	6.8	*
Stroke	17	23.5	19.8	*	23.5	25.4	*	29.4	29.7	*
Hip Fracture	13	7.7	6.0	*	15.4	11.0	*	15.4	14.3	*
Sepsis	5	0.0	25.4	*	0.0	32.2	*	0.0	38.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	5.0	*	0.0	9.5	*	0.0	12.7	*
Open Reduction of Hip Fracture	7	14.3	4.6	*	28.6	8.6	*	28.6	11.4	*
Prostatectomy	18	0.0	1.1	*	5.6	2.7	*	5.6	4.4	*
Cholecystectomy	9	11.1	1.5	*	11.1	2.8	*	11.1	3.5	*
Hysterectomy	3	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	100
Ownership/Control	Church
STAFFING:	
Medical Residents/Interns	0
Registered Nurses	42
Licensed Practical Nurses	13

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

ST JOSEPH HOSPITAL

Medicare Provider Number: 140128

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	438	13.0	9.7	2.6	16.4	14.0	2.4	18.9	17.6	2.4
CONDITIONS:										
Acute Myocardial Infarction	16	31.3	32.5	*	37.5	36.6	*	37.5	41.0	*
Congestive Heart Failure	27	25.9	14.7	*	33.3	22.5	*	44.4	29.1	*
Pneumonia/Influenza	21	9.5	18.1	*	14.3	24.2	*	19.0	28.9	*
Chronic Obstructive Pulmonary Disease	3	0.0	3.9	*	0.0	7.6	*	0.0	11.1	*
Transient Cerebral Ischemia	16	6.3	2.1	*	6.3	4.9	*	6.3	7.9	*
Stroke	25	28.0	25.0	*	52.0	31.7	*	52.0	36.7	*
Hip Fracture	13	7.7	6.3	*	7.7	11.9	*	7.7	15.9	*
Sepsis	7	57.1	28.9	*	57.1	36.1	*	57.1	42.7	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	0.0	2.8	*	0.0	5.6	*	0.0	7.8	*
Open Reduction of Hip Fracture	6	16.7	6.5	*	16.7	12.8	*	16.7	17.4	*
Prostatectomy	27	0.0	0.6	*	3.7	1.5	*	3.7	2.5	*
Cholecystectomy	13	0.0	1.0	*	0.0	2.0	*	0.0	2.8	*
Hysterectomy	2	0.0	1.0	*	0.0	2.1	*	0.0	3.3	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	449	10.9	9.7	4.9	13.1	14.2	6.5	14.3	17.9	7.6
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	29.9	*	30.0	32.9	*	30.0	36.3	*
Congestive Heart Failure	38	18.4	16.8	*	23.7	25.4	*	23.7	32.5	*
Pneumonia/Influenza	25	16.0	17.5	*	16.0	23.5	*	16.0	28.5	*
Chronic Obstructive Pulmonary Disease	6	0.0	7.9	*	16.7	12.9	*	33.3	17.1	*
Transient Cerebral Ischemia	5	0.0	2.0	*	0.0	4.4	*	0.0	7.0	*
Stroke	12	25.0	25.5	*	25.0	32.8	*	33.3	38.4	*
Hip Fracture	13	15.4	6.4	*	15.4	12.4	*	15.4	16.9	*
Sepsis	4	75.0	25.2	*	75.0	32.9	*	75.0	38.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	16.7	3.9	*	16.7	7.7	*	16.7	10.5	*
Open Reduction of Hip Fracture	4	0.0	5.2	*	0.0	10.8	*	0.0	15.1	*
Prostatectomy	27	0.0	0.8	*	0.0	2.0	*	0.0	3.3	*
Cholecystectomy	15	0.0	2.0	*	0.0	3.7	*	0.0	4.9	*
Hysterectomy	3	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST JOSEPH HOSPITAL

77 N Airlite St
Elgin, IL 60120

Medicare Provider Number: 140217

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,176	11.8	10.2	1.4	17.6	15.9	1.6	21.5	20.3	1.8
CONDITIONS:										
Acute Myocardial Infarction	34	35.3	28.5	*	38.2	31.9	*	41.2	35.2	*
Congestive Heart Failure	60	18.3	15.4	5.2	28.3	23.7	6.7	31.7	30.6	6.7
Pneumonia/Influenza	46	17.4	16.9	*	32.6	22.9	*	39.1	27.7	*
Chronic Obstructive Pulmonary Disease	16	0.0	5.5	*	0.0	10.7	*	6.3	15.2	*
Transient Cerebral Ischemia	33	0.0	2.2	*	6.1	5.0	*	9.1	7.9	*
Stroke	43	20.9	18.5	*	20.9	25.1	*	25.6	29.5	*
Hip Fracture	33	3.0	7.2	*	9.1	13.3	*	15.2	17.6	*
Sepsis	12	25.0	32.1	*	33.3	42.8	*	50.0	50.2	*
PROCEDURES:										
Angioplasty	1	100.0	8.3	*	100.0	9.9	*	100.0	11.7	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.3	*	0.0	4.5	*	0.0	6.9	*
Carotid Endarterectomy	16	12.5	1.9	*	12.5	3.8	*	12.5	5.7	*
Hip Replacement/Reconstruction	17	0.0	3.4	*	0.0	6.5	*	0.0	8.8	*
Open Reduction of Hip Fracture	10	10.0	8.5	*	20.0	16.3	*	30.0	21.7	*
Prostatectomy	40	0.0	1.8	*	0.0	4.0	*	0.0	6.4	*
Cholecystectomy	16	6.3	3.3	*	12.5	5.7	*	12.5	7.5	*
Hysterectomy	7	0.0	0.4	*	0.0	0.7	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	280
Occupancy Rate	50
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	189
Percent of Physicians Board Certified Specialists	59
Medical Residents/Interns	0
Registered Nurses	207
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ST JOSEPH HOSPITAL

Medicare Provider Number: 140217

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,385	11.7	10.2	1.1	18.1	16.1	1.3	22.2	20.6	1.5
CONDITIONS:										
Acute Myocardial Infarction	25	24.0	27.3	*	32.0	31.4	*	32.0	35.3	*
Congestive Heart Failure	63	17.5	18.2	5.3	31.7	27.4	6.7	36.5	34.5	6.2
Pneumonia/Influenza	70	17.1	19.1	5.0	25.7	25.6	5.2	32.9	30.4	7.0
Chronic Obstructive Pulmonary Disease	20	5.0	7.7	*	5.0	13.3	*	10.0	17.7	*
Transient Cerebral Ischemia	33	3.0	2.4	*	3.0	5.1	*	6.1	7.9	*
Stroke	54	18.5	19.4	5.5	27.8	26.1	6.8	33.3	30.5	7.3
Hip Fracture	40	10.0	6.7	*	25.0	12.6	*	27.5	16.6	*
Sepsis	30	30.0	25.6	*	40.0	34.0	*	40.0	41.0	*
PROCEDURES:										
Angioplasty	1	100.0	11.9	*	100.0	13.1	*	100.0	14.4	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	16.7	13.5	*	16.7	17.1	*	16.7	20.3	*
Carotid Endarterectomy	27	0.0	1.5	*	3.7	2.9	*	3.7	4.3	*
Hip Replacement/Reconstruction	27	0.0	3.9	*	11.1	7.6	*	14.8	10.4	*
Open Reduction of Hip Fracture	14	21.4	6.3	*	28.6	12.1	*	28.6	16.1	*
Prostatectomy	44	0.0	1.5	*	2.3	3.5	*	2.3	5.6	*
Cholecystectomy	11	0.0	3.7	*	0.0	6.3	*	9.1	7.9	*
Hysterectomy	11	0.0	1.4	*	0.0	3.2	*	0.0	4.9	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,313	12.2	9.6	2.7	18.0	15.7	2.8	21.5	20.3	1.6
CONDITIONS:										
Acute Myocardial Infarction	26	38.5	25.6	*	42.3	29.5	*	42.3	32.9	*
Congestive Heart Failure	64	23.4	17.6	6.6	32.8	26.7	8.1	37.5	34.1	6.6
Pneumonia/Influenza	48	8.3	16.2	*	22.9	22.0	*	22.9	26.7	*
Chronic Obstructive Pulmonary Disease	12	0.0	10.4	*	0.0	17.7	*	0.0	23.3	*
Transient Cerebral Ischemia	41	0.0	1.7	*	2.4	3.9	*	4.9	6.1	*
Stroke	42	16.7	20.2	*	23.8	27.5	*	28.6	32.2	*
Hip Fracture	44	9.1	7.0	*	20.5	13.1	*	22.7	17.5	*
Sepsis	14	50.0	26.5	*	50.0	35.7	*	50.0	42.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	6.1	*	0.0	10.7	*	0.0	13.9	*
Carotid Endarterectomy	17	0.0	1.9	*	5.9	3.6	*	5.9	5.3	*
Hip Replacement/Reconstruction	19	5.3	3.5	*	21.1	6.9	*	21.1	9.4	*
Open Reduction of Hip Fracture	24	8.3	6.1	*	12.5	11.9	*	16.7	16.2	*
Prostatectomy	53	3.8	1.8	2.5	7.5	4.5	4.0	9.4	7.4	4.3
Cholecystectomy	30	0.0	1.4	*	0.0	2.4	*	3.3	3.1	*
Hysterectomy	15	6.7	0.5	*	6.7	1.1	*	6.7	1.6	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST JOSEPH HOSPITAL

2900 North Lake Shore Drive
Chicago, IL 60657

Medicare Provider Number: 140224

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,114	7.1	10.0	1.4	13.2	15.8	1.1	17.1	20.2	1.2
CONDITIONS:										
Acute Myocardial Infarction	69	17.4	26.8	7.6	21.7	31.1	7.7	29.0	35.1	6.9
Congestive Heart Failure	94	9.6	15.7	4.9	16.0	24.6	6.0	27.7	31.9	5.3
Pneumonia/Influenza	67	11.9	16.4	7.7	17.9	22.4	10.9	19.4	27.1	10.4
Chronic Obstructive Pulmonary Disease	26	3.8	7.5	*	11.5	13.7	*	19.2	19.1	*
Transient Cerebral Ischemia	32	3.1	1.9	*	3.1	4.2	*	3.1	6.7	*
Stroke	88	10.2	19.1	6.8	17.0	26.5	7.0	21.6	31.1	7.6
Hip Fracture	51	0.0	7.8	5.8	7.8	14.0	6.3	17.6	18.1	7.1
Sepsis	35	34.3	32.9	*	48.6	42.4	*	48.6	49.1	*
PROCEDURES:										
Angioplasty	21	0.0	3.3	*	0.0	4.2	*	0.0	5.3	*
Coronary Artery Bypass Graft	26	3.8	5.6	*	7.7	7.4	*	7.7	8.7	*
Initial Pacemaker Insertion	19	10.5	3.0	*	15.8	5.5	*	21.1	7.9	*
Carotid Endarterectomy	10	0.0	1.7	*	0.0	3.2	*	0.0	4.8	*
Hip Replacement/Reconstruction	36	0.0	3.8	*	8.3	7.4	*	11.1	10.1	*
Open Reduction of Hip Fracture	15	0.0	7.6	*	6.7	13.8	*	6.7	17.7	*
Prostatectomy	58	0.0	1.2	1.7	1.7	2.8	2.4	1.7	4.7	3.7
Cholecystectomy	27	11.1	4.1	*	18.5	7.7	*	22.2	10.4	*
Hysterectomy	15	0.0	1.8	*	0.0	3.9	*	0.0	5.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	511
Occupancy Rate	50
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	274
Percent of Physicians Board Certified Specialists	70
Medical Residents/Interns	56
Registered Nurses	257
Licensed Practical Nurses	19

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST JOSEPH HOSPITAL

Medicare Provider Number: 140224

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,284	8.7	10.9	0.9	14.4	16.9	1.2	19.2	21.4	1.1
CONDITIONS:										
Acute Myocardial Infarction	66	28.8	30.8	5.9	34.8	35.0	5.9	39.4	38.9	6.7
Congestive Heart Failure	101	7.9	17.5	5.8	19.8	26.7	5.9	26.7	34.0	6.0
Pneumonia/Influenza	83	15.7	18.7	6.3	22.9	25.4	5.4	28.9	30.3	5.2
Chronic Obstructive Pulmonary Disease	17	0.0	8.9	*	23.5	14.3	*	23.5	19.3	*
Transient Cerebral Ischemia	50	6.0	2.0	*	10.0	4.5	*	12.0	7.1	*
Stroke	68	17.6	22.3	8.0	26.5	29.8	7.9	32.4	34.6	6.5
Hip Fracture	58	5.2	6.8	4.0	10.3	12.6	6.5	12.1	16.3	6.6
Sepsis	36	44.4	30.9	*	55.6	40.5	*	63.9	46.8	*
PROCEDURES:										
Angioplasty	20	5.0	3.5	*	5.0	4.6	*	5.0	5.7	*
Coronary Artery Bypass Graft	31	9.7	7.8	*	9.7	10.6	*	9.7	12.4	*
Initial Pacemaker Insertion	9	0.0	4.1	*	0.0	8.2	*	0.0	12.1	*
Carotid Endarterectomy	8	0.0	2.2	*	0.0	4.3	*	0.0	6.4	*
Hip Replacement/Reconstruction	40	0.0	3.8	*	0.0	7.4	*	0.0	9.8	*
Open Reduction of Hip Fracture	19	10.5	5.8	*	21.1	10.9	*	26.3	14.3	*
Prostatectomy	52	1.9	1.8	2.0	1.9	4.5	3.5	1.9	7.4	5.7
Cholecystectomy	34	2.9	5.5	*	11.8	9.4	*	17.6	11.3	*
Hysterectomy	16	0.0	1.1	*	0.0	2.6	*	0.0	4.0	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,351	8.0	10.9	3.6	14.1	16.7	2.7	19.0	21.0	1.7
CONDITIONS:										
Acute Myocardial Infarction	76	25.0	28.6	6.7	31.6	32.0	6.5	34.2	35.7	6.2
Congestive Heart Failure	119	10.1	18.1	5.5	22.7	27.0	4.7	31.1	34.1	4.8
Pneumonia/Influenza	99	22.2	21.2	4.5	29.3	28.8	4.7	35.4	34.3	5.0
Chronic Obstructive Pulmonary Disease	24	8.3	13.8	*	8.3	21.8	*	20.8	27.5	*
Transient Cerebral Ischemia	45	4.4	2.2	*	4.4	5.0	*	8.9	8.0	*
Stroke	82	8.5	22.9	7.8	22.0	30.2	6.6	24.4	34.8	6.8
Hip Fracture	47	8.5	8.6	*	23.4	15.0	*	29.8	19.1	*
Sepsis	32	37.5	33.1	*	50.0	43.5	*	62.5	50.8	*
PROCEDURES:										
Angioplasty	8	0.0	2.5	*	0.0	3.5	*	0.0	5.0	*
Coronary Artery Bypass Graft	26	3.8	5.9	*	3.8	7.7	*	3.8	8.9	*
Initial Pacemaker Insertion	22	0.0	4.8	*	0.0	9.0	*	9.1	12.4	*
Carotid Endarterectomy	9	0.0	1.7	*	0.0	3.4	*	0.0	5.3	*
Hip Replacement/Reconstruction	33	3.0	3.4	*	6.1	6.5	*	12.1	8.6	*
Open Reduction of Hip Fracture	19	5.3	8.7	*	26.3	15.3	*	31.6	19.1	*
Prostatectomy	54	0.0	1.6	2.1	1.9	3.7	3.2	3.7	6.1	4.7
Cholecystectomy	29	6.9	4.3	*	17.2	7.3	*	17.2	9.2	*
Hysterectomy	19	5.3	1.6	*	5.3	3.3	*	5.3	4.6	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST JOSEPH MEDICAL CENTER

333 N Madison
Joliet, IL 60435

Medicare Provider Number: 140007

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,250	9.0	8.9	0.6	15.0	13.9	1.0	18.1	17.9	0.7
CONDITIONS:										
Acute Myocardial Infarction	67	22.4	24.4	5.5	25.4	27.2	5.7	26.9	30.3	6.5
Congestive Heart Failure	229	14.0	13.7	3.4	24.0	21.4	3.5	27.5	27.9	3.0
Pneumonia/Influenza	188	14.9	16.6	3.1	23.9	22.6	3.4	28.7	27.3	3.6
Chronic Obstructive Pulmonary Disease	51	5.9	5.8	5.4	11.8	11.6	7.8	13.7	16.6	7.0
Transient Cerebral Ischemia	49	4.1	2.1	*	10.2	4.7	*	12.2	7.4	*
Stroke	133	19.5	20.0	3.7	27.8	26.6	3.9	29.3	31.1	5.6
Hip Fracture	69	7.2	7.3	3.3	14.5	12.8	4.3	18.8	16.4	6.1
Sepsis	29	31.0	24.8	*	44.8	31.8	*	48.3	37.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	24	4.2	4.0	*	16.7	7.9	*	20.8	11.3	*
Carotid Endarterectomy	19	0.0	1.9	*	0.0	3.8	*	0.0	5.7	*
Hip Replacement/Reconstruction	38	13.2	4.0	*	18.4	7.4	*	21.1	9.8	*
Open Reduction of Hip Fracture	34	0.0	7.2	*	8.8	13.1	*	11.8	16.9	*
Prostatectomy	95	1.1	0.9	1.0	3.2	2.1	1.8	3.2	3.5	1.9
Cholecystectomy	68	7.4	3.9	3.8	11.8	7.0	5.4	13.2	9.2	5.6
Hysterectomy	30	0.0	0.4	*	3.3	0.9	*	3.3	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	524
Occupancy Rate	63
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	232
Percent of Physicians Board Certified Specialists	82
Medical Residents/Interns	0
Registered Nurses	459
Licensed Practical Nurses	11

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ST JOSEPH MEDICAL CENTER

Medicare Provider Number: 140007

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	3,586	10.0	8.8	0.7	15.8	13.8	0.9	19.2	17.6	0.9
CONDITIONS:										
Acute Myocardial Infarction	71	35.2	29.7	10.0	38.0	32.9	9.0	39.4	36.2	7.4
Congestive Heart Failure	223	20.2	14.7	4.0	30.9	22.7	4.8	36.8	29.3	4.7
Pneumonia/Influenza	164	17.7	16.7	5.8	26.8	22.4	7.1	31.7	26.9	7.2
Chronic Obstructive Pulmonary Disease	33	3.0	5.5	*	6.1	11.6	*	6.1	16.9	*
Transient Cerebral Ischemia	71	4.2	2.0	3.1	7.0	4.2	4.3	8.5	6.5	5.0
Stroke	155	20.0	20.8	3.5	27.1	27.2	3.8	31.0	31.7	4.1
Hip Fracture	79	11.4	6.7	4.7	19.0	12.5	5.4	19.0	16.4	5.9
Sepsis	25	16.0	24.9	*	24.0	33.0	*	28.0	39.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	1	0.0	1.3	*	0.0	2.2	*	0.0	2.8	*
Initial Pacemaker Insertion	1	0.0	10.2	*	0.0	18.4	*	0.0	24.3	*
Carotid Endarterectomy	26	3.8	1.3	*	7.7	2.4	*	7.7	3.5	*
Hip Replacement/Reconstruction	47	4.3	3.5	*	12.8	6.9	*	12.8	9.5	*
Open Reduction of Hip Fracture	42	14.3	6.4	*	19.0	12.4	*	19.0	16.6	*
Prostatectomy	102	2.0	1.5	1.3	2.9	3.4	1.9	3.9	5.4	2.7
Cholecystectomy	81	2.5	2.8	2.6	6.2	5.1	3.7	8.6	6.6	4.4
Hysterectomy	21	0.0	0.2	*	0.0	0.5	*	4.8	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	3,426	9.5	8.8	2.7	14.6	13.7	3.2	17.8	17.6	2.2
CONDITIONS:										
Acute Myocardial Infarction	85	31.8	28.0	8.7	35.3	31.2	9.3	38.8	34.6	8.6
Congestive Heart Failure	207	20.8	16.2	4.7	30.0	24.9	5.0	37.7	32.0	5.2
Pneumonia/Influenza	152	17.8	16.6	5.4	25.0	22.5	5.5	28.9	27.3	5.4
Chronic Obstructive Pulmonary Disease	37	8.1	5.0	*	16.2	10.2	*	18.9	14.9	*
Transient Cerebral Ischemia	69	0.0	2.0	2.4	0.0	4.2	4.0	2.9	6.5	3.9
Stroke	150	18.7	21.0	4.9	26.7	27.5	3.8	31.3	32.1	3.9
Hip Fracture	81	6.2	7.0	3.9	14.8	12.8	5.3	18.5	16.8	5.6
Sepsis	37	32.4	28.3	*	37.8	36.1	*	48.6	42.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	25	8.0	4.2	*	8.0	9.1	*	16.0	13.5	*
Carotid Endarterectomy	20	5.0	1.7	*	5.0	3.2	*	5.0	4.5	*
Hip Replacement/Reconstruction	39	5.1	4.2	*	7.7	7.9	*	7.7	10.7	*
Open Reduction of Hip Fracture	41	7.3	6.2	*	19.5	11.9	*	19.5	15.9	*
Prostatectomy	140	0.0	1.1	1.2	0.7	2.6	1.9	2.1	4.3	2.3
Cholecystectomy	76	5.3	4.1	2.5	7.9	7.3	3.0	10.5	9.5	3.6
Hysterectomy	27	0.0	0.5	*	0.0	1.1	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST JOSEPH MEDICAL CENTER

2200 E Washington
Bloomington, IL 61701

Medicare Provider Number: 140162

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,056	8.9	9.5	1.9	13.7	14.3	1.6	16.8	18.0	1.7
CONDITIONS:										
Acute Myocardial Infarction	41	41.5	28.3	*	41.5	31.8	*	41.5	35.5	*
Congestive Heart Failure	47	19.1	14.4	*	29.8	22.0	*	34.0	28.6	*
Pneumonia/Influenza	56	14.3	16.4	5.1	17.9	22.0	6.7	17.9	26.6	8.9
Chronic Obstructive Pulmonary Disease	14	0.0	6.7	*	7.1	11.4	*	21.4	15.7	*
Transient Cerebral Ischemia	11	9.1	1.8	*	9.1	4.0	*	9.1	6.2	*
Stroke	35	14.3	17.6	*	25.7	23.4	*	28.6	27.5	*
Hip Fracture	42	2.4	7.2	*	14.3	12.9	*	19.0	16.8	*
Sepsis	19	31.6	27.8	*	31.6	35.8	*	42.1	42.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	2.5	*	0.0	4.7	*	0.0	6.7	*
Carotid Endarterectomy	7	0.0	1.8	*	0.0	3.6	*	14.3	5.3	*
Hip Replacement/Reconstruction	39	0.0	3.4	*	7.7	6.4	*	10.3	8.7	*
Open Reduction of Hip Fracture	16	0.0	8.1	*	18.8	14.9	*	25.0	19.2	*
Prostatectomy	31	0.0	0.8	*	0.0	1.8	*	0.0	3.0	*
Cholecystectomy	17	0.0	2.0	*	0.0	4.0	*	5.9	5.6	*
Hysterectomy	7	0.0	0.6	*	0.0	1.2	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	168
Occupancy Rate	51
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ST JOSEPH MEDICAL CENTER

Medicare Provider Number: 140162

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	898	8.9	8.7	1.2	13.7	13.5	1.1	16.9	17.4	1.4
CONDITIONS:										
Acute Myocardial Infarction	29	20.7	24.9	*	20.7	28.7	*	24.1	32.4	*
Congestive Heart Failure	54	11.1	15.2	6.3	22.2	23.2	6.1	27.8	29.8	6.5
Pneumonia/Influenza	31	9.7	15.1	*	12.9	20.0	*	16.1	24.1	*
Chronic Obstructive Pulmonary Disease	13	7.7	6.0	*	7.7	11.9	*	7.7	17.2	*
Transient Cerebral Ischemia	14	0.0	1.8	*	0.0	3.7	*	7.1	5.7	*
Stroke	33	36.4	17.2	*	39.4	24.5	*	45.5	29.3	*
Hip Fracture	17	0.0	5.2	*	0.0	9.6	*	0.0	12.6	*
Sepsis	11	36.4	25.4	*	36.4	32.8	*	36.4	39.1	*
PROCEDURES:										
Angioplasty	1	0.0	9.6	*	0.0	10.3	*	0.0	11.2	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	7.7	*	0.0	12.4	*	11.1	16.3	*
Carotid Endarterectomy	2	0.0	1.1	*	0.0	2.1	*	0.0	3.1	*
Hip Replacement/Reconstruction	18	0.0	1.9	*	0.0	3.7	*	0.0	4.9	*
Open Reduction of Hip Fracture	8	0.0	4.3	*	0.0	8.5	*	0.0	11.6	*
Prostatectomy	24	0.0	0.8	*	0.0	2.0	*	0.0	3.3	*
Cholecystectomy	16	6.3	3.4	*	6.3	5.1	*	6.3	6.2	*
Hysterectomy	8	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	959	10.1	9.3	1.6	15.2	14.4	2.0	17.9	18.4	1.6
CONDITIONS:										
Acute Myocardial Infarction	30	30.0	27.9	*	36.7	31.4	*	36.7	35.2	*
Congestive Heart Failure	71	19.7	15.3	8.2	25.4	23.1	6.8	32.4	29.8	6.6
Pneumonia/Influenza	34	20.6	20.2	*	23.5	26.9	*	29.4	32.3	*
Chronic Obstructive Pulmonary Disease	11	27.3	5.7	*	27.3	10.0	*	27.3	13.7	*
Transient Cerebral Ischemia	20	5.0	1.9	*	5.0	4.0	*	10.0	6.3	*
Stroke	46	26.1	19.6	*	34.8	26.5	*	37.0	31.1	*
Hip Fracture	31	6.5	6.5	*	9.7	12.0	*	9.7	15.8	*
Sepsis	7	28.6	21.1	*	28.6	27.7	*	28.6	33.3	*
PROCEDURES:										
Angioplasty	1	0.0	2.0	*	0.0	3.4	*	0.0	4.4	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	7.1	*	14.3	14.7	*	14.3	20.4	*
Carotid Endarterectomy	4	0.0	1.5	*	0.0	2.9	*	0.0	4.3	*
Hip Replacement/Reconstruction	17	5.9	2.7	*	5.9	5.6	*	5.9	8.2	*
Open Reduction of Hip Fracture	19	10.5	5.0	*	10.5	9.5	*	10.5	12.6	*
Prostatectomy	9	22.2	2.4	*	22.2	5.8	*	22.2	9.3	*
Cholecystectomy	17	0.0	4.6	*	5.9	8.2	*	17.6	10.6	*
Hysterectomy	8	0.0	0.4	*	0.0	0.9	*	0.0	1.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST JOSEPH MEMORIAL HOSPITAL

800 N 2nd St
Murphysboro, IL 62966

Medicare Provider Number: 140140

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	633	11.1	8.9	1.7	16.4	14.0	2.2	19.1	18.0	2.3
CONDITIONS:										
Acute Myocardial Infarction	17	52.9	26.7	*	52.9	30.4	*	52.9	34.1	*
Congestive Heart Failure	33	27.3	15.1	*	27.3	23.1	*	33.3	29.8	*
Pneumonia/Influenza	37	24.3	17.3	*	35.1	23.1	*	40.5	27.4	*
Chronic Obstructive Pulmonary Disease	18	5.6	7.8	*	11.1	13.8	*	11.1	18.9	*
Transient Cerebral Ischemia	24	0.0	1.9	*	0.0	4.1	*	0.0	6.7	*
Stroke	22	13.6	21.4	*	31.8	28.8	*	36.4	33.7	*
Hip Fracture	16	18.8	8.7	*	18.8	14.9	*	18.8	18.8	*
Sepsis	5	60.0	31.1	*	60.0	42.8	*	60.0	49.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	16.7	6.9	*	16.7	12.3	*	16.7	15.7	*
Open Reduction of Hip Fracture	1	0.0	3.4	*	0.0	6.3	*	0.0	8.5	*
Prostatectomy	12	0.0	1.7	*	8.3	4.3	*	8.3	7.2	*
Cholecystectomy	12	0.0	1.5	*	0.0	2.6	*	0.0	3.4	*
Hysterectomy	6	0.0	0.8	*	0.0	2.0	*	0.0	3.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	62
Occupancy Rate	58
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST JOSEPH MEMORIAL HOSPITAL

Medicare Provider Number: 140140

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	688	7.4	9.4	1.4	14.0	14.6	1.4	18.3	18.7	1.5
CONDITIONS:										
Acute Myocardial Infarction	23	43.5	32.1	*	56.5	35.8	*	56.5	39.3	*
Congestive Heart Failure	33	12.1	17.7	*	21.2	26.4	*	33.3	33.1	*
Pneumonia/Influenza	17	23.5	22.6	*	41.2	29.0	*	47.1	33.7	*
Chronic Obstructive Pulmonary Disease	10	10.0	8.5	*	10.0	15.2	*	10.0	20.9	*
Transient Cerebral Ischemia	20	5.0	1.8	*	5.0	3.9	*	10.0	6.2	*
Stroke	21	9.5	19.2	*	33.3	25.2	*	38.1	29.5	*
Hip Fracture	18	11.1	7.9	*	16.7	14.9	*	16.7	19.6	*
Sepsis	8	0.0	27.3	*	37.5	35.4	*	50.0	41.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	8.2	*	0.0	14.9	*	0.0	19.4	*
Open Reduction of Hip Fracture	5	20.0	7.1	*	20.0	14.0	*	20.0	18.8	*
Prostatectomy	14	0.0	0.7	*	0.0	1.6	*	0.0	2.7	*
Cholecystectomy	16	0.0	3.3	*	0.0	6.3	*	0.0	8.3	*
Hysterectomy	3	0.0	1.3	*	0.0	3.3	*	0.0	5.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	654	8.1	9.9	3.4	13.9	14.9	2.1	18.0	18.9	1.6
CONDITIONS:										
Acute Myocardial Infarction	29	34.5	36.4	*	34.5	41.0	*	37.9	45.1	*
Congestive Heart Failure	38	10.5	17.5	*	21.1	26.0	*	26.3	33.0	*
Pneumonia/Influenza	27	3.7	21.4	*	14.8	27.9	*	14.8	32.9	*
Chronic Obstructive Pulmonary Disease	20	10.0	9.5	*	15.0	15.8	*	20.0	20.9	*
Transient Cerebral Ischemia	19	0.0	2.3	*	5.3	5.1	*	10.5	8.2	*
Stroke	12	25.0	24.2	*	25.0	33.6	*	41.7	39.1	*
Hip Fracture	19	0.0	7.1	*	5.3	12.7	*	5.3	16.6	*
Sepsis	10	30.0	41.9	*	70.0	52.2	*	70.0	58.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	8.2	*	0.0	14.4	*	0.0	18.5	*
Open Reduction of Hip Fracture	1	0.0	9.5	*	0.0	20.1	*	0.0	28.3	*
Prostatectomy	30	0.0	1.4	*	3.3	3.5	*	3.3	5.8	*
Cholecystectomy	17	0.0	1.6	*	0.0	2.8	*	0.0	3.6	*
Hysterectomy	1	0.0	2.7	*	0.0	3.7	*	0.0	4.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST JOSEPHS HOSPITAL

915 E 5th St
Alton, IL 62002

Medicare Provider Number: 140023

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	196	10.2	10.1	4.1	17.9	15.7	6.8	20.9	20.1	6.4
CONDITIONS:										
Acute Myocardial Infarction	5	80.0	30.0	*	80.0	32.8	*	80.0	35.8	*
Congestive Heart Failure	12	8.3	11.4	*	16.7	18.0	*	25.0	23.9	*
Pneumonia/Influenza	13	0.0	15.3	*	7.7	20.8	*	15.4	25.3	*
Chronic Obstructive Pulmonary Disease	3	0.0	5.6	*	0.0	8.7	*	0.0	11.7	*
Transient Cerebral Ischemia	4	0.0	2.0	*	0.0	4.6	*	0.0	7.2	*
Stroke	3	33.3	24.3	*	33.3	31.7	*	33.3	37.1	*
Hip Fracture	2	50.0	7.4	*	50.0	14.4	*	50.0	19.6	*
Sepsis	2	0.0	50.2	*	50.0	61.6	*	50.0	69.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*
Open Reduction of Hip Fracture	1	0.0	8.0	*	0.0	16.9	*	0.0	23.9	*
Prostatectomy	2	0.0	0.4	*	0.0	0.9	*	0.0	1.5	*
Cholecystectomy	2	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1988

Total Beds	165
Ownership/Control	Church
STAFFING:	
Medical Residents/Interns	0
Registered Nurses	86
Licensed Practical Nurses	16

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

ST JOSEPHS HOSPITAL

Medicare Provider Number: 140023

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	349	9.7	9.0	2.2	16.0	14.2	3.4	23.2	18.6	3.3
CONDITIONS:										
Acute Myocardial Infarction	8	37.5	27.0	*	37.5	30.5	*	37.5	34.3	*
Congestive Heart Failure	20	15.0	14.1	*	25.0	21.6	*	30.0	27.8	*
Pneumonia/Influenza	17	17.6	17.4	*	35.3	24.1	*	52.9	29.3	*
Chronic Obstructive Pulmonary Disease	7	0.0	7.0	*	14.3	13.4	*	14.3	18.8	*
Transient Cerebral Ischemia	6	0.0	1.7	*	0.0	3.7	*	16.7	5.8	*
Stroke	7	0.0	18.8	*	0.0	26.1	*	14.3	30.8	*
Hip Fracture	8	0.0	6.5	*	0.0	12.5	*	0.0	16.5	*
Sepsis	1	0.0	8.8	*	0.0	12.7	*	100.0	16.9	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	3.7	*	0.0	7.7	*	0.0	10.4	*
Open Reduction of Hip Fracture	5	0.0	6.9	*	0.0	13.8	*	0.0	18.6	*
Prostatectomy	0									
Cholecystectomy	5	0.0	2.2	*	0.0	4.4	*	0.0	5.9	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	492	10.4	9.0	6.5	16.7	13.8	8.1	20.3	17.8	7.4
CONDITIONS:										
Acute Myocardial Infarction	16	18.8	27.7	*	31.3	31.4	*	37.5	35.3	*
Congestive Heart Failure	24	12.5	15.5	*	20.8	23.9	*	41.7	30.9	*
Pneumonia/Influenza	18	5.6	16.2	*	5.6	22.4	*	5.6	27.2	*
Chronic Obstructive Pulmonary Disease	5	20.0	10.8	*	20.0	15.1	*	20.0	19.0	*
Transient Cerebral Ischemia	6	0.0	2.4	*	0.0	5.4	*	0.0	8.6	*
Stroke	15	33.3	26.6	*	53.3	34.2	*	53.3	39.3	*
Hip Fracture	8	0.0	4.1	*	0.0	7.9	*	0.0	10.6	*
Sepsis	3	33.3	41.2	*	33.3	49.2	*	66.7	55.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	4.0	*	25.0	8.3	*	25.0	12.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	3.7	*	0.0	6.8	*	0.0	8.8	*
Open Reduction of Hip Fracture	4	0.0	2.6	*	0.0	5.3	*	0.0	7.4	*
Prostatectomy	19	5.3	0.9	*	10.5	2.3	*	15.8	4.0	*
Cholecystectomy	5	0.0	3.0	*	0.0	6.2	*	0.0	9.1	*
Hysterectomy	4	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST JOSEPHS HOSPITAL

Jamestown Road
Breese, IL 62230

Medicare Provider Number: 140145

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	763	5.1	8.3	1.6	9.6	12.9	1.8	13.8	16.6	2.5
CONDITIONS:										
Acute Myocardial Infarction	19	5.3	31.3	*	5.3	35.7	*	5.3	39.8	*
Congestive Heart Failure	33	15.2	16.2	*	18.2	25.0	*	36.4	32.2	*
Pneumonia/Influenza	58	6.9	18.7	7.6	13.8	25.4	8.3	17.2	30.6	8.9
Chronic Obstructive Pulmonary Disease	12	8.3	5.4	*	16.7	11.4	*	16.7	16.7	*
Transient Cerebral Ischemia	24	0.0	2.4	*	12.5	5.4	*	12.5	8.8	*
Stroke	27	11.1	20.7	*	18.5	29.2	*	18.5	34.3	*
Hip Fracture	15	6.7	6.8	*	20.0	12.4	*	26.7	16.2	*
Sepsis	4	0.0	25.5	*	0.0	31.0	*	0.0	36.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	33.3	4.7	*	33.3	8.4	*	33.3	11.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	6.5	*	0.0	12.2	*	0.0	15.8	*
Open Reduction of Hip Fracture	3	33.3	4.6	*	33.3	8.8	*	33.3	11.7	*
Prostatectomy	19	0.0	0.8	*	0.0	2.0	*	0.0	3.4	*
Cholecystectomy	25	0.0	1.7	*	0.0	3.0	*	0.0	4.0	*
Hysterectomy	13	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	93
Occupancy Rate	56
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	14
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	55
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST JOSEPHS HOSPITAL

Medicare Provider Number: 140145

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	791	6.6	9.3	1.3	10.7	14.2	1.6	13.0	18.0	1.9
CONDITIONS:										
Acute Myocardial Infarction	34	14.7	31.1	*	20.6	34.7	*	26.5	38.3	*
Congestive Heart Failure	43	14.0	17.7	*	20.9	26.7	*	20.9	33.7	*
Pneumonia/Influenza	48	20.8	17.2	*	22.9	23.4	*	27.1	28.2	*
Chronic Obstructive Pulmonary Disease	8	25.0	7.4	*	25.0	14.0	*	25.0	19.7	*
Transient Cerebral Ischemia	14	7.1	2.0	*	7.1	4.3	*	7.1	6.7	*
Stroke	21	33.3	24.4	*	42.9	33.2	*	42.9	38.4	*
Hip Fracture	15	13.3	10.4	*	13.3	18.6	*	20.0	23.4	*
Sepsis	3	33.3	35.6	*	33.3	41.8	*	33.3	48.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	2.2	*	0.0	4.6	*	0.0	7.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	8.4	*	0.0	16.2	*	0.0	20.9	*
Open Reduction of Hip Fracture	1	0.0	10.0	*	0.0	19.4	*	100.0	25.5	*
Prostatectomy	15	0.0	1.2	*	0.0	3.0	*	0.0	4.9	*
Cholecystectomy	21	4.8	3.6	*	9.5	6.7	*	14.3	9.0	*
Hysterectomy	4	0.0	0.5	*	0.0	1.1	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	687	8.0	10.2	2.8	12.2	15.1	3.7	15.3	18.9	4.3
CONDITIONS:										
Acute Myocardial Infarction	34	11.8	27.7	*	14.7	31.3	*	14.7	34.7	*
Congestive Heart Failure	28	21.4	19.2	*	25.0	28.2	*	32.1	35.4	*
Pneumonia/Influenza	30	13.3	20.6	*	30.0	27.3	*	33.3	32.6	*
Chronic Obstructive Pulmonary Disease	5	20.0	9.9	*	20.0	17.9	*	20.0	24.5	*
Transient Cerebral Ischemia	16	0.0	2.3	*	0.0	5.0	*	0.0	8.0	*
Stroke	18	5.6	19.9	*	5.6	27.3	*	11.1	31.9	*
Hip Fracture	23	8.7	8.3	*	17.4	14.4	*	21.7	18.1	*
Sepsis	8	37.5	37.6	*	37.5	46.4	*	50.0	53.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	9.3	*	0.0	12.6	*	0.0	14.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	7.4	*	20.0	13.1	*	40.0	16.5	*
Open Reduction of Hip Fracture	6	0.0	9.0	*	16.7	16.2	*	16.7	20.5	*
Prostatectomy	16	0.0	1.8	*	0.0	4.5	*	0.0	7.6	*
Cholecystectomy	22	0.0	2.8	*	0.0	5.3	*	0.0	7.2	*
Hysterectomy	6	0.0	0.8	*	0.0	1.8	*	0.0	2.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST JOSEPHS HOSPITAL

1515 Main Street
Highland, IL 62249

Medicare Provider Number: 140168

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	457	9.4	9.7	2.5	15.5	14.9	4.7	16.8	19.2	3.4
CONDITIONS:										
Acute Myocardial Infarction	12	41.7	31.2	*	50.0	34.2	*	50.0	38.0	*
Congestive Heart Failure	16	6.3	15.2	*	18.8	23.4	*	18.8	30.4	*
Pneumonia/Influenza	47	23.4	18.3	*	34.0	24.9	*	36.2	29.7	*
Chronic Obstructive Pulmonary Disease	14	14.3	7.1	*	14.3	12.3	*	14.3	17.0	*
Transient Cerebral Ischemia	24	4.2	2.4	*	8.3	5.5	*	8.3	9.0	*
Stroke	10	20.0	21.5	*	30.0	26.7	*	30.0	31.0	*
Hip Fracture	7	28.6	8.7	*	28.6	14.9	*	28.6	18.7	*
Sepsis	4	0.0	13.0	*	25.0	17.0	*	25.0	20.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.7	*	0.0	6.3	*	0.0	9.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	4.0	*	0.0	7.4	*	0.0	9.8	*
Open Reduction of Hip Fracture	2	100.0	11.3	*	100.0	20.7	*	100.0	26.4	*
Prostatectomy	10	0.0	1.2	*	0.0	3.0	*	0.0	5.1	*
Cholecystectomy	8	0.0	1.9	*	0.0	3.6	*	0.0	4.8	*
Hysterectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	106
Occupancy Rate	43
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	78
Medical Residents/Interns	0
Registered Nurses	43
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST JOSEPHS HOSPITAL

Medicare Provider Number: 140168

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	519	6.6	10.4	2.0	11.4	15.6	2.3	14.8	19.7	2.5
CONDITIONS:										
Acute Myocardial Infarction	11	27.3	36.1	*	36.4	39.3	*	36.4	43.4	*
Congestive Heart Failure	27	3.7	18.2	*	22.2	27.2	*	33.3	34.5	*
Pneumonia/Influenza	35	11.4	20.1	*	25.7	27.0	*	28.6	32.2	*
Chronic Obstructive Pulmonary Disease	13	7.7	8.9	*	7.7	15.6	*	15.4	21.1	*
Transient Cerebral Ischemia	7	0.0	3.8	*	0.0	9.4	*	14.3	15.3	*
Stroke	22	9.1	20.0	*	18.2	26.1	*	22.7	30.8	*
Hip Fracture	13	7.7	9.3	*	15.4	16.7	*	23.1	21.5	*
Sepsis	3	66.7	52.9	*	66.7	58.6	*	66.7	65.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.3	*	50.0	4.2	*	50.0	6.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	12.5	4.9	*	12.5	9.9	*	12.5	13.7	*
Open Reduction of Hip Fracture	6	0.0	8.4	*	16.7	14.9	*	16.7	18.9	*
Prostatectomy	11	0.0	1.4	*	0.0	3.2	*	0.0	5.3	*
Cholecystectomy	12	0.0	3.6	*	0.0	6.2	*	0.0	7.6	*
Hysterectomy	2	0.0	1.7	*	0.0	4.3	*	0.0	7.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	583	9.1	10.1	2.4	13.7	15.2	3.0	17.5	19.3	2.7
CONDITIONS:										
Acute Myocardial Infarction	10	40.0	39.2	*	50.0	43.7	*	70.0	47.8	*
Congestive Heart Failure	40	7.5	16.8	*	12.5	25.1	*	22.5	31.9	*
Pneumonia/Influenza	50	26.0	20.6	*	32.0	27.2	*	34.0	32.5	*
Chronic Obstructive Pulmonary Disease	10	10.0	5.5	*	10.0	11.7	*	20.0	17.3	*
Transient Cerebral Ischemia	20	0.0	2.1	*	5.0	4.4	*	5.0	7.1	*
Stroke	25	24.0	24.6	*	24.0	31.9	*	36.0	37.0	*
Hip Fracture	16	0.0	7.4	*	6.3	12.8	*	12.5	16.3	*
Sepsis	8	12.5	40.3	*	37.5	45.9	*	37.5	52.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	3.0	*	0.0	6.1	*	0.0	9.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	3.7	*	0.0	6.3	*	0.0	7.9	*
Open Reduction of Hip Fracture	5	0.0	7.5	*	0.0	14.3	*	20.0	19.0	*
Prostatectomy	7	0.0	1.4	*	14.3	3.5	*	14.3	6.0	*
Cholecystectomy	10	0.0	1.6	*	0.0	2.8	*	0.0	3.7	*
Hysterectomy	1	0.0	2.5	*	0.0	5.4	*	0.0	8.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST MARGARETS HOSPITAL

600 E 1st St
Spring Valley, IL 61362

Medicare Provider Number: 140143

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	819	7.6	8.8	1.6	11.6	13.4	2.0	14.9	16.9	2.3
CONDITIONS:										
Acute Myocardial Infarction	10	20.0	28.4	*	30.0	31.5	*	30.0	34.8	*
Congestive Heart Failure	40	7.5	14.5	*	15.0	22.0	*	17.5	28.5	*
Pneumonia/Influenza	41	9.8	15.2	*	12.2	20.4	*	14.6	24.7	*
Chronic Obstructive Pulmonary Disease	5	0.0	8.3	*	20.0	13.3	*	20.0	17.8	*
Transient Cerebral Ischemia	15	6.7	2.3	*	13.3	5.3	*	13.3	8.7	*
Stroke	41	17.1	20.1	*	24.4	27.8	*	24.4	32.6	*
Hip Fracture	12	0.0	5.3	*	0.0	9.8	*	8.3	13.0	*
Sepsis	4	25.0	33.0	*	25.0	39.8	*	25.0	46.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	0.0	2.7	*	0.0	5.2	*	0.0	7.1	*
Open Reduction of Hip Fracture	5	0.0	5.1	*	0.0	9.4	*	20.0	12.5	*
Prostatectomy	40	0.0	1.0	*	0.0	2.5	*	2.5	4.2	*
Cholecystectomy	15	0.0	1.6	*	0.0	2.6	*	0.0	3.2	*
Hysterectomy	16	0.0	0.3	*	0.0	0.5	*	6.3	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	128
Occupancy Rate	54
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	47
Percent of Physicians Board Certified Specialists	70
Medical Residents/Interns	0
Registered Nurses	79
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST MARGARETS HOSPITAL

Medicare Provider Number: 140143

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	816	8.9	9.8	1.4	14.2	15.1	1.9	18.1	19.2	1.9
CONDITIONS:										
Acute Myocardial Infarction	12	33.3	32.7	*	41.7	36.0	*	41.7	39.6	*
Congestive Heart Failure	50	18.0	17.7	*	28.0	26.4	*	34.0	33.5	*
Pneumonia/Influenza	39	15.4	17.1	*	20.5	23.7	*	23.1	28.8	*
Chronic Obstructive Pulmonary Disease	8	12.5	12.3	*	12.5	20.4	*	12.5	25.8	*
Transient Cerebral Ischemia	12	0.0	2.2	*	0.0	4.9	*	0.0	7.9	*
Stroke	39	12.8	20.7	*	17.9	28.0	*	20.5	32.9	*
Hip Fracture	13	7.7	6.4	*	7.7	11.5	*	7.7	14.6	*
Sepsis	5	20.0	34.9	*	40.0	46.8	*	60.0	54.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	16	0.0	3.2	*	0.0	6.0	*	0.0	7.9	*
Open Reduction of Hip Fracture	5	20.0	6.0	*	20.0	11.3	*	20.0	14.7	*
Prostatectomy	44	2.3	1.1	*	4.5	2.7	*	6.8	4.4	*
Cholecystectomy	11	0.0	4.2	*	0.0	6.8	*	0.0	8.0	*
Hysterectomy	5	0.0	0.3	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	827	10.6	9.4	1.5	15.0	14.3	1.4	18.1	18.1	1.8
CONDITIONS:										
Acute Myocardial Infarction	26	26.9	29.9	*	26.9	32.8	*	30.8	36.2	*
Congestive Heart Failure	42	16.7	14.2	*	19.0	21.6	*	21.4	28.0	*
Pneumonia/Influenza	32	9.4	16.4	*	18.8	22.2	*	21.9	26.9	*
Chronic Obstructive Pulmonary Disease	6	33.3	8.1	*	33.3	13.1	*	33.3	17.1	*
Transient Cerebral Ischemia	13	0.0	2.1	*	0.0	4.7	*	7.7	7.5	*
Stroke	47	19.1	18.1	*	27.7	25.6	*	34.0	30.4	*
Hip Fracture	12	25.0	6.7	*	33.3	11.8	*	33.3	15.1	*
Sepsis	2	50.0	37.3	*	50.0	47.6	*	50.0	55.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.4	*	0.0	2.8	*	0.0	4.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	18.2	3.1	*	18.2	5.5	*	18.2	7.1	*
Open Reduction of Hip Fracture	7	0.0	4.6	*	14.3	8.9	*	14.3	11.9	*
Prostatectomy	41	0.0	1.5	*	7.3	3.5	*	7.3	5.7	*
Cholecystectomy	17	0.0	2.3	*	0.0	4.0	*	5.9	5.3	*
Hysterectomy	4	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST MARY HOSPITAL INC

1415 Vermont Street
Quincy, IL 62301

Medicare Provider Number: 140159

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1,346	7.4	8.1	1.3	12.0	12.4	1.4	15.5	15.8	1.1
CONDITIONS:										
Acute Myocardial Infarction	28	25.0	27.4	*	35.7	31.4	*	35.7	35.1	*
Congestive Heart Failure	60	8.3	12.4	5.8	13.3	19.6	8.6	20.0	25.8	9.1
Pneumonia/Influenza	65	21.5	14.9	6.5	29.2	20.6	9.4	35.4	25.1	9.9
Chronic Obstructive Pulmonary Disease	8	12.5	6.8	*	12.5	11.1	*	25.0	15.1	*
Transient Cerebral Ischemia	25	4.0	1.8	*	4.0	4.0	*	4.0	6.3	*
Stroke	50	28.0	20.7	*	34.0	27.0	*	40.0	31.4	*
Hip Fracture	42	9.5	6.6	*	16.7	11.8	*	16.7	15.4	*
Sepsis	25	24.0	25.0	*	32.0	31.9	*	36.0	37.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	11.1	4.2	*	11.1	7.9	*	11.1	11.2	*
Carotid Endarterectomy	9	0.0	1.7	*	0.0	3.4	*	0.0	5.2	*
Hip Replacement/Reconstruction	23	8.7	4.1	*	8.7	7.7	*	8.7	10.3	*
Open Reduction of Hip Fracture	15	13.3	6.6	*	26.7	12.6	*	26.7	16.6	*
Prostatectomy	27	0.0	1.3	*	0.0	3.4	*	3.7	5.7	*
Cholecystectomy	24	0.0	1.4	*	0.0	2.4	*	0.0	3.2	*
Hysterectomy	10	0.0	0.5	*	10.0	1.3	*	10.0	2.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	278
Occupancy Rate	43
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	97
Percent of Physicians Board Certified Specialists	69
Medical Residents/Interns	5
Registered Nurses	88
Licensed Practical Nurses	52

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ST MARY HOSPITAL INC

Medicare Provider Number: 140159

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,311	7.6	8.5	1.0	11.8	13.0	1.3	15.7	16.7	1.3
CONDITIONS:										
Acute Myocardial Infarction	31	48.4	32.8	*	58.1	36.5	*	61.3	40.1	*
Congestive Heart Failure	60	18.3	14.4	7.3	25.0	22.2	6.6	28.3	28.9	5.9
Pneumonia/Influenza	68	16.2	18.6	4.9	23.5	25.0	5.4	33.8	29.8	6.3
Chronic Obstructive Pulmonary Disease	7	0.0	5.8	*	0.0	11.5	*	0.0	16.5	*
Transient Cerebral Ischemia	31	0.0	1.6	*	3.2	3.5	*	3.2	5.5	*
Stroke	49	8.2	18.4	*	18.4	25.1	*	22.4	29.5	*
Hip Fracture	46	0.0	5.6	*	2.2	10.2	*	6.5	13.3	*
Sepsis	17	17.6	21.9	*	17.6	28.0	*	29.4	33.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	3.9	*	0.0	7.0	*	0.0	10.3	*
Carotid Endarterectomy	15	0.0	1.1	*	0.0	2.1	*	6.7	3.2	*
Hip Replacement/Reconstruction	24	0.0	3.2	*	4.2	6.1	*	4.2	8.0	*
Open Reduction of Hip Fracture	21	0.0	5.3	*	0.0	10.0	*	9.5	13.1	*
Prostatectomy	32	0.0	1.0	*	6.3	2.4	*	12.5	4.0	*
Cholecystectomy	15	0.0	2.4	*	0.0	4.0	*	0.0	5.0	*
Hysterectomy	4	0.0	3.0	*	0.0	6.5	*	0.0	9.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,343	6.9	8.4	3.0	11.9	12.9	2.9	15.9	16.5	3.1
CONDITIONS:										
Acute Myocardial Infarction	32	40.6	33.1	*	50.0	36.2	*	50.0	39.5	*
Congestive Heart Failure	64	17.2	18.6	6.7	37.5	28.0	10.8	45.3	35.4	10.8
Pneumonia/Influenza	66	7.6	16.4	7.3	13.6	22.2	8.2	18.2	27.0	8.6
Chronic Obstructive Pulmonary Disease	15	6.7	10.5	*	6.7	17.0	*	20.0	22.0	*
Transient Cerebral Ischemia	26	0.0	2.1	*	0.0	4.3	*	0.0	6.8	*
Stroke	62	12.9	18.7	6.3	24.2	25.4	5.9	27.4	29.8	6.0
Hip Fracture	34	0.0	6.2	*	0.0	11.5	*	8.8	15.1	*
Sepsis	22	31.8	23.9	*	31.8	31.0	*	50.0	36.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	10.6	*	16.7	16.2	*	16.7	20.2	*
Carotid Endarterectomy	11	0.0	1.1	*	9.1	2.1	*	9.1	3.1	*
Hip Replacement/Reconstruction	25	0.0	4.0	*	0.0	7.6	*	8.0	10.0	*
Open Reduction of Hip Fracture	8	0.0	6.0	*	0.0	12.1	*	0.0	16.5	*
Prostatectomy	44	2.3	1.0	*	2.3	2.6	*	4.5	4.4	*
Cholecystectomy	19	0.0	2.1	*	0.0	3.5	*	0.0	4.3	*
Hysterectomy	6	0.0	0.9	*	0.0	1.8	*	0.0	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST. MARY HOSPITAL
1415 Vermont Street • Quincy, Illinois 62301-3119 • (217) 223-1200

January 14, 1991

Mrs. Sandra Kappert
Health Standards and Quality Bureau
HEALTH CARE FINANCING ADMINISTRATION
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We again appreciate the opportunity to express our concerns for the upcoming release of mortality statistics by HCFA to the public.

As in previous years, the presentation of the statistics, as a measurement of quality of care, could be misleading. The fact that this data set expanded the period post-discharge that has been included increases the possibility that the death was unrelated to the diagnoses, such as car accidents or unrelated illnesses. Since the hospital has no way of examining deaths that occur outside our institution, there is no way of knowing how such examples affect the data that has been presented.

A better measure of quality would be to look at each death, determine if death was inevitable, and determine if management was appropriate. This is done by the hospital's peer review and quality assurance processes.

A review of the statistics presented shows St. Mary well within the statistically significant two-standard deviations of the predictable rate in all categories. Most of the categories and the "all cases" category are below the predicted percentage. The category into which a case might fall can vary from year to year as the coding system for diagnoses adds codes each year and the HCFA rules for sequencing diagnoses are changed each year.

St. Mary is committed to quality care for all our patients and we continue to support numerous peer review processes ongoing throughout the hospital and medical staff.

FRANCISCAN HEALTH SYSTEM OF ILLINOIS, INC.
Member — Franciscan Sisters of the Poor • Health System, Inc.

Thank you for the opportunity to comment.

Sincerely,

ST. MARY HOSPITAL

William H. Metzinger
President/Chief Executive Officer

tk

ST MARY MEDICAL CENTER

3333 North Seminary
Galesburg, IL 61401

Medicare Provider Number: 140064

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,181	8.6	8.2	0.9	12.2	12.7	1.1	16.2	16.4	1.3
CONDITIONS:										
Acute Myocardial Infarction	47	31.9	26.0	*	36.2	29.6	*	36.2	33.2	*
Congestive Heart Failure	56	10.7	16.7	5.8	12.5	25.3	8.3	21.4	32.5	8.9
Pneumonia/Influenza	41	12.2	17.9	*	19.5	24.3	*	26.8	29.3	*
Chronic Obstructive Pulmonary Disease	34	11.8	7.1	*	23.5	13.2	*	32.4	18.6	*
Transient Cerebral Ischemia	7	0.0	2.0	*	0.0	4.2	*	28.6	6.7	*
Stroke	31	19.4	17.7	*	25.8	24.0	*	29.0	28.3	*
Hip Fracture	34	17.6	8.0	*	23.5	14.5	*	23.5	18.8	*
Sepsis	14	28.6	21.4	*	35.7	29.2	*	35.7	34.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	1.3	*	0.0	2.7	*	25.0	4.4	*
Carotid Endarterectomy	8	0.0	1.2	*	0.0	2.0	*	0.0	3.0	*
Hip Replacement/Reconstruction	33	9.1	3.0	*	12.1	5.9	*	15.2	8.1	*
Open Reduction of Hip Fracture	21	9.5	7.6	*	14.3	14.2	*	14.3	18.7	*
Prostatectomy	62	1.6	0.9	1.5	3.2	2.2	2.4	3.2	3.7	2.6
Cholecystectomy	36	0.0	2.6	*	5.6	4.0	*	5.6	4.8	*
Hysterectomy	11	0.0	0.2	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	158
Occupancy Rate	46
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	70
Percent of Physicians Board Certified Specialists	83
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ST MARY MEDICAL CENTER

Medicare Provider Number: 140064

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,289	7.8	8.7	0.9	12.2	13.3	1.2	14.9	17.0	1.3
CONDITIONS:										
Acute Myocardial Infarction	32	31.3	29.2	*	34.4	33.2	*	37.5	37.1	*
Congestive Heart Failure	72	13.9	18.3	6.6	22.2	26.9	9.9	27.8	34.0	11.1
Pneumonia/Influenza	53	15.1	18.2	9.2	18.9	24.7	10.7	24.5	29.5	10.6
Chronic Obstructive Pulmonary Disease	18	16.7	8.7	*	44.4	14.7	*	44.4	19.6	*
Transient Cerebral Ischemia	24	0.0	2.3	*	4.2	5.0	*	8.3	7.9	*
Stroke	35	17.1	22.7	*	22.9	28.7	*	22.9	33.2	*
Hip Fracture	30	13.3	7.9	*	20.0	14.4	*	23.3	18.6	*
Sepsis	8	25.0	22.0	*	37.5	31.9	*	37.5	39.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	6.7	*	0.0	10.0	*	0.0	13.0	*
Carotid Endarterectomy	14	0.0	1.6	*	0.0	3.1	*	0.0	4.4	*
Hip Replacement/Reconstruction	28	3.6	3.2	*	10.7	6.5	*	14.3	9.1	*
Open Reduction of Hip Fracture	14	7.1	7.0	*	7.1	13.2	*	7.1	17.3	*
Prostatectomy	63	1.6	0.9	1.4	1.6	2.1	2.0	1.6	3.6	3.0
Cholecystectomy	31	3.2	4.4	*	6.5	7.5	*	6.5	9.4	*
Hysterectomy	17	0.0	0.5	*	0.0	1.1	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,305	8.7	9.2	2.7	12.8	14.0	3.8	16.6	17.7	4.4
CONDITIONS:										
Acute Myocardial Infarction	39	30.8	33.7	*	30.8	37.5	*	41.0	41.0	*
Congestive Heart Failure	78	14.1	18.0	5.4	26.9	26.6	5.9	32.1	33.8	6.5
Pneumonia/Influenza	52	13.5	16.2	5.8	25.0	22.3	7.4	30.8	27.0	6.7
Chronic Obstructive Pulmonary Disease	12	8.3	11.2	*	16.7	17.2	*	25.0	22.8	*
Transient Cerebral Ischemia	18	5.6	2.2	*	5.6	4.4	*	5.6	6.8	*
Stroke	49	16.3	22.8	*	18.4	30.0	*	18.4	34.9	*
Hip Fracture	43	16.3	7.9	*	18.6	13.8	*	25.6	17.5	*
Sepsis	4	0.0	17.2	*	0.0	25.3	*	0.0	30.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	3.6	*	14.3	7.9	*	14.3	11.9	*
Carotid Endarterectomy	16	0.0	1.9	*	0.0	3.6	*	6.3	5.3	*
Hip Replacement/Reconstruction	32	3.1	4.5	*	6.3	8.0	*	9.4	10.2	*
Open Reduction of Hip Fracture	27	22.2	7.2	*	22.2	13.1	*	29.6	16.9	*
Prostatectomy	64	1.6	1.1	1.3	3.1	2.7	2.3	3.1	4.6	3.1
Cholecystectomy	37	0.0	3.0	*	2.7	5.4	*	2.7	7.4	*
Hysterectomy	12	0.0	0.7	*	0.0	1.4	*	0.0	2.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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ST. MARY MEDICAL CENTER

January 14, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

In response to the Medicare Hospital Mortality Information, we appreciate the ability to commment.

St. Mary has always had quality as our number one priority. Our internal quality review program is very complex and thorough. Mortality rates are only a very limited part of the total program. Our program concerns itself with identifying potential risks that could adversely affect patient outcomes. Each mortality that occurs at our facility is reviewed by a physician. In addition to this review we study patterns and trends. We feel this is a far better way of studying mortalities. The HFCA release includes mortalites which occur 30, 90, and 180 days from the date of their last discharge from the hospital. As the time increases following a discharge, so does the chances that the death is unrelated to the hospital stay.

Upon reviewing the data, we note that only 2 of the 15 categories contain enough cases for HFCA to calculate a standard deviation. In both categories, after using the formula and tables, what appeared to be a potential problem is well within the predictable range. The information notes that the smaller the number of cases the greater the uncertainty of the predicted information.

The past three releases of this information have all used different methodology. They have all been released in different formats. The most recent is the most complex. The information can be misunderstood very easily if the calculations are not done. The misrepresentation of the facts will also be increased with this release.

Sincerely,

Richard S. Kowalski, FACHE
Administrator/CEO

3333 North Seminary Street
Galesburg, Illinois 61401
Phone 309/344-3[illegible]

ST MARY OF NAZARETH HOSPITAL CENTER

2233 W Division St
Chicago, IL 60622

Medicare Provider Number: 140180

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,196	8.7	9.6	2.3	14.8	14.5	2.1	18.7	18.3	2.3
CONDITIONS:										
Acute Myocardial Infarction	32	21.9	25.7	*	25.0	29.1	*	28.1	32.7	*
Congestive Heart Failure	80	18.8	15.5	6.6	27.5	23.9	8.9	32.5	30.7	6.6
Pneumonia/Influenza	35	17.1	15.0	*	22.9	20.5	*	25.7	25.0	*
Chronic Obstructive Pulmonary Disease	12	8.3	7.3	*	16.7	12.5	*	25.0	17.2	*
Transient Cerebral Ischemia	30	0.0	1.7	*	3.3	3.5	*	6.7	5.6	*
Stroke	53	18.9	20.9	5.9	28.3	27.2	6.9	34.0	31.6	6.8
Hip Fracture	30	10.0	9.1	*	16.7	15.6	*	20.0	19.5	*
Sepsis	7	28.6	31.3	*	28.6	38.5	*	42.9	45.2	*
PROCEDURES:										
Angioplasty	30	3.3	2.7	*	6.7	4.0	*	16.7	5.3	*
Coronary Artery Bypass Graft	8	0.0	7.8	*	12.5	13.7	*	12.5	16.7	*
Initial Pacemaker Insertion	20	5.0	5.3	*	5.0	8.4	*	15.0	11.1	*
Carotid Endarterectomy	5	0.0	1.9	*	0.0	3.9	*	0.0	5.9	*
Hip Replacement/Reconstruction	9	11.1	5.7	*	11.1	10.5	*	11.1	13.6	*
Open Reduction of Hip Fracture	15	0.0	8.8	*	6.7	15.9	*	13.3	20.2	*
Prostatectomy	30	0.0	1.2	*	0.0	2.9	*	0.0	4.8	*
Cholecystectomy	19	0.0	2.9	*	0.0	4.8	*	10.5	6.0	*
Hysterectomy	5	20.0	1.7	*	20.0	3.3	*	20.0	4.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	255
Occupancy Rate	82
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	213
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	25
Registered Nurses	214
Licensed Practical Nurses	22

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST MARY OF NAZARETH HOSPITAL CENTER

Medicare Provider Number: 140180

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,361	9.9	9.7	1.0	15.1	14.8	1.0	19.4	18.6	1.3
CONDITIONS:										
Acute Myocardial Infarction	36	25.0	27.1	*	30.6	31.1	*	33.3	34.7	*
Congestive Heart Failure	72	20.8	15.0	5.8	23.6	23.0	5.3	29.2	29.6	5.4
Pneumonia/Influenza	37	21.6	17.4	*	27.0	23.4	*	35.1	28.2	*
Chronic Obstructive Pulmonary Disease	8	12.5	8.3	*	37.5	15.0	*	50.0	21.2	*
Transient Cerebral Ischemia	41	2.4	2.4	*	2.4	5.2	*	4.9	8.2	*
Stroke	64	18.8	20.5	5.6	29.7	26.5	6.2	39.1	30.8	6.7
Hip Fracture	19	10.5	6.6	*	21.1	11.3	*	21.1	14.1	*
Sepsis	7	42.9	30.7	*	42.9	39.9	*	42.9	46.6	*
PROCEDURES:										
Angioplasty	27	7.4	3.7	*	11.1	4.6	*	11.1	5.6	*
Coronary Artery Bypass Graft	5	60.0	10.3	*	60.0	13.5	*	60.0	14.8	*
Initial Pacemaker Insertion	20	5.0	5.5	*	10.0	9.8	*	10.0	13.4	*
Carotid Endarterectomy	2	0.0	1.5	*	0.0	3.1	*	0.0	4.6	*
Hip Replacement/Reconstruction	12	0.0	5.5	*	8.3	9.1	*	8.3	11.4	*
Open Reduction of Hip Fracture	10	20.0	6.2	*	20.0	11.1	*	20.0	14.1	*
Prostatectomy	42	7.1	2.3	*	9.5	5.7	*	11.9	9.3	*
Cholecystectomy	33	3.0	4.3	*	6.1	8.3	*	12.1	11.5	*
Hysterectomy	7	0.0	0.9	*	0.0	2.3	*	0.0	3.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,269	10.1	9.7	1.0	15.2	14.6	1.0	19.4	18.4	1.3
CONDITIONS:										
Acute Myocardial Infarction	44	34.1	25.6	*	36.4	29.0	*	38.6	32.3	*
Congestive Heart Failure	73	17.8	15.2	5.0	24.7	22.8	8.0	35.6	29.4	9.5
Pneumonia/Influenza	39	25.6	17.7	*	33.3	23.4	*	35.9	28.1	*
Chronic Obstructive Pulmonary Disease	16	18.8	18.3	*	25.0	26.2	*	31.3	31.6	*
Transient Cerebral Ischemia	27	0.0	2.2	*	7.4	4.5	*	14.8	6.9	*
Stroke	39	15.4	22.0	*	20.5	28.3	*	30.8	32.7	*
Hip Fracture	19	10.5	8.8	*	15.8	14.6	*	21.1	18.1	*
Sepsis	12	58.3	23.9	*	58.3	31.5	*	75.0	37.4	*
PROCEDURES:										
Angioplasty	27	7.4	4.9	*	7.4	5.9	*	11.1	7.1	*
Coronary Artery Bypass Graft	4	25.0	5.8	*	25.0	7.2	*	25.0	8.1	*
Initial Pacemaker Insertion	18	5.6	3.1	*	11.1	6.6	*	16.7	9.9	*
Carotid Endarterectomy	3	0.0	2.4	*	0.0	4.5	*	0.0	6.4	*
Hip Replacement/Reconstruction	12	8.3	4.0	*	8.3	6.7	*	16.7	8.4	*
Open Reduction of Hip Fracture	12	8.3	8.3	*	16.7	15.1	*	16.7	19.2	*
Prostatectomy	30	3.3	2.2	*	6.7	5.5	*	6.7	8.8	*
Cholecystectomy	24	4.2	6.9	*	8.3	10.9	*	8.3	13.4	*
Hysterectomy	6	0.0	1.7	*	16.7	3.8	*	16.7	6.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST MARYS HOSPITAL

111 E Spring
Streator, IL 61364

Medicare Provider Number: 140026

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,242	7.2	10.5	1.0	10.7	16.3	1.6	13.9	20.8	1.6
CONDITIONS:										
Acute Myocardial Infarction	29	20.7	26.1	*	20.7	29.7	*	20.7	33.2	*
Congestive Heart Failure	97	8.2	15.5	4.4	14.4	24.4	6.5	16.5	31.8	7.1
Pneumonia/Influenza	48	6.3	16.0	*	8.3	22.3	*	12.5	27.3	*
Chronic Obstructive Pulmonary Disease	10	0.0	5.7	*	0.0	11.2	*	0.0	16.8	*
Transient Cerebral Ischemia	31	0.0	2.1	*	0.0	4.9	*	0.0	7.8	*
Stroke	44	18.2	19.1	*	18.2	25.3	*	18.2	29.8	*
Hip Fracture	23	8.7	7.4	*	17.4	13.2	*	26.1	17.0	*
Sepsis	37	13.5	30.0	*	24.3	39.1	*	27.0	45.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	5.5	*	0.0	8.7	*	0.0	11.8	*
Carotid Endarterectomy	4	0.0	1.6	*	0.0	3.1	*	0.0	4.7	*
Hip Replacement/Reconstruction	8	0.0	4.0	*	0.0	7.8	*	0.0	10.4	*
Open Reduction of Hip Fracture	8	25.0	7.6	*	50.0	13.7	*	62.5	17.4	*
Prostatectomy	17	0.0	0.7	*	0.0	1.7	*	0.0	2.8	*
Cholecystectomy	26	0.0	2.7	*	0.0	4.6	*	0.0	6.0	*
Hysterectomy	6	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

* **The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	170
Occupancy Rate	52
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	38
Percent of Physicians Board Certified Specialists	61
Medical Residents/Interns	0
Registered Nurses	98
Licensed Practical Nurses	15

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

** **Not used in calculating hospital mortality rates.**

ST MARYS HOSPITAL

Medicare Provider Number: 140026

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,352	6.5	9.4	1.1	10.6	14.5	1.4	14.3	18.5	1.5
CONDITIONS:										
Acute Myocardial Infarction	45	26.7	29.3	*	31.1	32.8	*	35.6	36.4	*
Congestive Heart Failure	89	9.0	15.3	6.2	14.6	22.9	6.4	24.7	29.6	5.6
Pneumonia/Influenza	42	9.5	15.9	*	26.2	21.5	*	28.6	25.8	*
Chronic Obstructive Pulmonary Disease	23	0.0	5.4	*	4.3	11.3	*	4.3	16.4	*
Transient Cerebral Ischemia	27	0.0	2.7	*	0.0	6.2	*	3.7	9.8	*
Stroke	34	8.8	20.6	*	11.8	26.7	*	17.6	31.4	*
Hip Fracture	34	2.9	7.1	*	2.9	12.9	*	5.9	16.4	*
Sepsis	35	17.1	30.5	*	20.0	39.8	*	34.3	46.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	1.6	*	0.0	3.9	*	0.0	6.6	*
Carotid Endarterectomy	7	0.0	1.8	*	0.0	3.6	*	0.0	5.5	*
Hip Replacement/Reconstruction	18	5.6	3.6	*	11.1	7.0	*	11.1	9.2	*
Open Reduction of Hip Fracture	10	0.0	6.3	*	0.0	11.8	*	10.0	15.3	*
Prostatectomy	42	2.4	1.6	*	4.8	4.0	*	7.1	6.5	*
Cholecystectomy	26	3.8	3.2	*	7.7	5.6	*	7.7	7.1	*
Hysterectomy	12	0.0	0.9	*	0.0	1.8	*	8.3	2.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,371	7.4	9.1	2.5	11.9	14.1	3.4	14.0	18.1	6.0
CONDITIONS:										
Acute Myocardial Infarction	41	31.7	28.7	*	34.1	32.7	*	34.1	36.4	*
Congestive Heart Failure	90	12.2	15.7	4.6	20.0	23.9	5.4	22.2	30.9	8.1
Pneumonia/Influenza	46	6.5	15.8	*	8.7	21.9	*	10.9	26.6	*
Chronic Obstructive Pulmonary Disease	18	0.0	5.6	*	0.0	11.5	*	5.6	16.9	*
Transient Cerebral Ischemia	37	2.7	2.0	*	5.4	4.3	*	8.1	6.9	*
Stroke	50	16.0	21.0	*	28.0	27.7	*	30.0	32.4	*
Hip Fracture	27	7.4	6.5	*	14.8	11.8	*	14.8	15.4	*
Sepsis	19	10.5	27.5	*	15.8	36.3	*	15.8	43.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	17	0.0	2.9	*	0.0	6.1	*	0.0	9.1	*
Carotid Endarterectomy	4	0.0	1.4	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction	9	0.0	4.5	*	0.0	8.7	*	0.0	11.5	*
Open Reduction of Hip Fracture	9	11.1	6.4	*	22.2	12.0	*	22.2	15.8	*
Prostatectomy	26	0.0	2.0	*	3.8	5.0	*	7.7	8.2	*
Cholecystectomy	30	0.0	2.6	*	3.3	4.7	*	3.3	6.1	*
Hysterectomy	11	0.0	0.5	*	0.0	0.9	*	0.0	1.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST MARYS HOSPITAL

400 North Pleasant
Centralia, IL 62801

Medicare Provider Number: 140034

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,604	8.0	8.2	0.7	13.4	12.8	0.9	18.0	16.5	1.2
CONDITIONS:										
Acute Myocardial Infarction	37	29.7	25.5	*	32.4	28.7	*	32.4	31.9	*
Congestive Heart Failure	72	6.9	15.2	5.6	16.7	23.8	5.9	31.9	30.7	5.7
Pneumonia/Influenza	84	13.1	16.7	5.6	22.6	23.0	4.8	29.8	27.8	5.5
Chronic Obstructive Pulmonary Disease	61	1.6	6.9	4.7	3.3	12.1	6.5	9.8	16.8	6.8
Transient Cerebral Ischemia	34	5.9	1.9	*	8.8	4.2	*	8.8	6.6	*
Stroke	37	5.4	17.7	*	10.8	24.5	*	13.5	28.9	*
Hip Fracture	35	14.3	5.7	*	17.1	10.4	*	25.7	13.7	*
Sepsis	16	25.0	28.0	*	25.0	39.2	*	37.5	47.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	0.0	3.6	*	0.0	7.9	*	0.0	12.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	18	11.1	3.6	*	16.7	6.7	*	27.8	8.9	*
Open Reduction of Hip Fracture	16	0.0	4.7	*	0.0	9.0	*	6.3	12.2	*
Prostatectomy	38	0.0	1.3	*	0.0	3.4	*	5.3	5.7	*
Cholecystectomy	28	3.6	3.0	*	14.3	5.2	*	14.3	6.7	*
Hysterectomy	7	0.0	0.9	*	0.0	1.9	*	0.0	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	266
Occupancy Rate	56
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	39
Percent of Physicians Board Certified Specialists	64
Medical Residents/Interns	0
Registered Nurses	149
Licensed Practical Nurses	50

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST MARYS HOSPITAL
Medicare Provider Number: 140034

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,662	9.1	9.5	0.8	14.7	14.6	0.9	18.8	18.5	1.0
CONDITIONS:										
Acute Myocardial Infarction	47	31.9	27.6	*	42.6	31.3	*	44.7	34.9	*
Congestive Heart Failure	78	16.7	17.8	4.8	34.6	26.8	6.9	35.9	34.2	7.6
Pneumonia/Influenza	87	17.2	18.7	4.4	24.1	25.1	4.9	28.7	30.0	5.2
Chronic Obstructive Pulmonary Disease	54	13.0	8.9	5.6	16.7	16.1	5.3	27.8	21.9	6.6
Transient Cerebral Ischemia	29	0.0	2.2	*	0.0	4.9	*	10.3	7.7	*
Stroke	48	27.1	25.4	*	37.5	33.0	*	39.6	38.1	*
Hip Fracture	31	9.7	6.2	*	16.1	11.2	*	25.8	14.5	*
Sepsis	16	25.0	23.7	*	37.5	33.1	*	43.8	39.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	8.3	6.9	*	8.3	11.8	*	8.3	16.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	2.9	*	0.0	5.6	*	0.0	7.5	*
Open Reduction of Hip Fracture	22	13.6	6.0	*	22.7	11.3	*	36.4	14.9	*
Prostatectomy	44	6.8	1.5	*	9.1	3.6	*	11.4	5.8	*
Cholecystectomy	20	10.0	3.5	*	10.0	6.7	*	10.0	8.9	*
Hysterectomy	7	0.0	0.6	*	0.0	1.3	*	0.0	1.9	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,545	8.5	9.0	0.8	13.0	14.0	1.2	16.7	17.9	2.2
CONDITIONS:										
Acute Myocardial Infarction	45	35.6	26.4	*	37.8	29.6	*	37.8	32.8	*
Congestive Heart Failure	72	11.1	16.3	6.7	18.1	24.9	9.5	20.8	32.1	10.3
Pneumonia/Influenza	76	15.8	17.4	6.5	25.0	23.9	5.2	32.9	28.9	5.5
Chronic Obstructive Pulmonary Disease	47	6.4	10.0	*	10.6	17.4	*	14.9	23.0	*
Transient Cerebral Ischemia	30	3.3	2.3	*	3.3	5.1	*	3.3	8.1	*
Stroke	35	22.9	24.8	*	28.6	31.5	*	28.6	36.0	*
Hip Fracture	30	3.3	7.6	*	6.7	14.2	*	10.0	18.7	*
Sepsis	14	7.1	27.7	*	28.6	38.4	*	50.0	46.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	16	6.3	3.1	*	12.5	6.5	*	12.5	9.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	0.0	3.5	*	0.0	6.8	*	0.0	9.1	*
Open Reduction of Hip Fracture	20	5.0	6.8	*	10.0	13.6	*	15.0	18.3	*
Prostatectomy	36	2.8	1.9	*	11.1	4.8	*	13.9	7.8	*
Cholecystectomy	16	0.0	1.3	*	0.0	2.2	*	0.0	2.9	*
Hysterectomy	9	0.0	0.3	*	0.0	0.7	*	0.0	1.1	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST MARYS HOSPITAL

500 W Court St
Kankakee, IL 60901

Medicare Provider Number: 140155

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,641	11.2	9.4	1.1	17.4	14.5	1.6	21.1	18.6	1.5
CONDITIONS:										
Acute Myocardial Infarction	43	34.9	22.7	*	34.9	26.1	*	41.9	29.4	*
Congestive Heart Failure	108	21.3	15.8	4.7	35.2	25.1	7.1	38.0	32.4	6.5
Pneumonia/Influenza	98	19.4	15.0	6.6	25.5	20.8	8.9	30.6	25.3	8.5
Chronic Obstructive Pulmonary Disease	37	2.7	5.9	*	13.5	10.7	*	16.2	15.0	*
Transient Cerebral Ischemia	24	0.0	1.6	*	4.2	3.6	*	4.2	5.9	*
Stroke	71	25.4	20.6	9.1	35.2	27.2	8.7	39.4	31.7	9.2
Hip Fracture	37	5.4	6.6	*	16.2	12.6	*	21.6	16.9	*
Sepsis	29	31.0	20.8	*	34.5	28.0	*	41.4	33.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	16	0.0	2.9	*	0.0	6.0	*	0.0	9.0	*
Carotid Endarterectomy	2	0.0	1.5	*	0.0	2.8	*	0.0	4.1	*
Hip Replacement/Reconstruction	33	3.0	3.6	*	12.1	7.3	*	15.2	10.1	*
Open Reduction of Hip Fracture	5	20.0	7.3	*	20.0	13.9	*	20.0	18.3	*
Prostatectomy	36	0.0	1.5	*	0.0	3.5	*	0.0	5.9	*
Cholecystectomy	16	0.0	0.8	*	6.3	1.4	*	6.3	1.8	*
Hysterectomy	10	0.0	3.2	*	0.0	6.3	*	0.0	8.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	230
Occupancy Rate	60
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	109
Percent of Physicians Board Certified Specialists	79
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ST MARYS HOSPITAL

Medicare Provider Number: 140155

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,731	8.7	8.4	0.7	13.4	13.2	0.9	16.6	17.0	0.9
CONDITIONS:										
Acute Myocardial Infarction	49	20.4	21.5	*	20.4	24.9	*	20.4	28.3	*
Congestive Heart Failure	98	16.3	14.9	3.9	26.5	23.5	5.5	31.6	30.4	5.9
Pneumonia/Influenza	81	11.1	16.8	8.3	19.8	23.1	8.2	23.5	27.7	6.6
Chronic Obstructive Pulmonary Disease	54	0.0	5.0	5.1	5.6	9.5	7.1	7.4	13.5	9.8
Transient Cerebral Ischemia	30	0.0	1.8	*	0.0	4.0	*	6.7	6.6	*
Stroke	68	26.5	23.5	5.8	29.4	30.6	6.0	30.9	35.4	6.2
Hip Fracture	43	4.7	6.1	*	4.7	11.3	*	7.0	14.8	*
Sepsis	18	22.2	24.5	*	33.3	33.7	*	44.4	40.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	5.0	*	10.0	9.4	*	20.0	13.2	*
Carotid Endarterectomy	4	0.0	1.5	*	0.0	2.8	*	0.0	4.2	*
Hip Replacement/Reconstruction	28	3.6	3.8	*	3.6	7.7	*	7.1	10.4	*
Open Reduction of Hip Fracture	8	0.0	5.5	*	0.0	10.0	*	0.0	12.7	*
Prostatectomy	47	0.0	0.8	*	0.0	1.9	*	0.0	3.1	*
Cholecystectomy	18	0.0	2.9	*	0.0	5.6	*	0.0	7.7	*
Hysterectomy	17	0.0	1.4	*	5.9	3.3	*	5.9	5.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,796	9.6	8.8	1.9	13.5	13.4	1.5	17.2	17.1	1.8
CONDITIONS:										
Acute Myocardial Infarction	65	27.7	26.8	5.9	30.8	29.8	6.3	33.8	32.8	6.2
Congestive Heart Failure	105	16.2	14.7	7.5	24.8	22.4	8.3	33.3	29.0	8.8
Pneumonia/Influenza	73	12.3	15.9	5.8	19.2	21.4	5.2	21.9	25.8	6.5
Chronic Obstructive Pulmonary Disease	33	0.0	5.3	*	6.1	10.6	*	15.2	15.0	*
Transient Cerebral Ischemia	36	0.0	1.7	*	5.6	3.8	*	5.6	5.9	*
Stroke	75	20.0	22.6	5.0	24.0	29.3	5.8	25.3	34.2	7.1
Hip Fracture	45	8.9	6.7	*	13.3	12.2	*	17.8	16.0	*
Sepsis	27	14.8	19.9	*	29.6	27.2	*	33.3	32.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	4.2	*	0.0	8.0	*	0.0	11.2	*
Carotid Endarterectomy	4	0.0	1.6	*	0.0	2.9	*	0.0	4.3	*
Hip Replacement/Reconstruction	22	4.5	3.4	*	9.1	6.5	*	9.1	8.7	*
Open Reduction of Hip Fracture	18	5.6	7.6	*	16.7	14.8	*	22.2	19.7	*
Prostatectomy	65	0.0	1.2	1.7	1.5	2.9	2.4	4.6	4.9	2.7
Cholecystectomy	15	6.7	4.3	*	6.7	6.9	*	6.7	8.1	*
Hysterectomy	12	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST MARYS HOSPITAL

1800 E Lake Shore Dr
Decatur, IL 62525

Medicare Provider Number: 140166

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,316	8.5	8.5	0.6	13.1	13.0	0.9	16.4	16.6	1.0
CONDITIONS:										
Acute Myocardial Infarction	78	26.9	26.2	5.3	29.5	29.3	5.6	32.1	32.6	5.6
Congestive Heart Failure	125	13.6	16.1	3.9	20.8	24.6	5.5	25.6	31.4	7.7
Pneumonia/Influenza	114	23.7	17.0	5.7	28.9	22.9	5.6	31.6	27.6	4.8
Chronic Obstructive Pulmonary Disease	60	1.7	6.1	4.9	5.0	10.9	6.1	8.3	15.3	6.8
Transient Cerebral Ischemia	37	0.0	1.7	*	8.1	3.8	*	10.8	6.0	*
Stroke	83	20.5	22.4	5.0	31.3	29.4	5.1	37.3	34.0	5.9
Hip Fracture	70	4.3	6.5	3.8	12.9	11.9	4.1	15.7	15.5	4.4
Sepsis	19	31.6	23.7	*	36.8	29.3	*	42.1	34.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	2.3	*	12.5	4.6	*	12.5	6.8	*
Carotid Endarterectomy	10	0.0	1.2	*	0.0	2.2	*	10.0	3.2	*
Hip Replacement/Reconstruction	45	0.0	4.4	*	4.4	8.1	*	4.4	10.6	*
Open Reduction of Hip Fracture	33	9.1	5.5	*	18.2	10.5	*	21.2	14.0	*
Prostatectomy	74	0.0	1.1	1.7	0.0	2.7	3.4	4.1	4.6	2.5
Cholecystectomy	50	4.0	2.5	*	6.0	4.7	*	10.0	6.2	*
Hysterectomy	17	5.9	0.7	*	5.9	1.3	*	5.9	2.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	377
Occupancy Rate	65
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	133
Percent of Physicians Board Certified Specialists	69
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ST MARYS HOSPITAL

Medicare Provider Number: 140166

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,552	8.5	8.5	0.9	12.9	12.9	0.7	16.1	16.4	0.8
CONDITIONS:										
Acute Myocardial Infarction	63	31.7	27.8	8.8	34.9	31.2	8.0	36.5	34.7	7.9
Congestive Heart Failure	131	17.6	16.1	3.6	23.7	24.3	4.4	32.8	30.9	5.5
Pneumonia/Influenza	99	14.1	17.7	5.3	24.2	23.9	4.6	29.3	28.8	4.9
Chronic Obstructive Pulmonary Disease	61	11.5	6.7	5.1	11.5	12.0	4.9	18.0	16.6	5.0
Transient Cerebral Ischemia	57	1.8	1.8	2.5	7.0	4.1	3.6	8.8	6.6	4.5
Stroke	98	23.5	22.6	4.4	26.5	29.2	4.9	30.6	33.9	5.3
Hip Fracture	88	3.4	6.7	4.1	11.4	12.4	4.4	15.9	15.9	4.2
Sepsis	26	19.2	27.3	*	30.8	35.5	*	30.8	41.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	0.0	3.3	*	6.7	6.6	*	6.7	9.7	*
Carotid Endarterectomy	9	0.0	1.4	*	11.1	2.4	*	33.3	3.6	*
Hip Replacement/Reconstruction	42	0.0	2.3	*	4.8	4.6	*	4.8	6.1	*
Open Reduction of Hip Fracture	52	3.8	5.6	4.2	11.5	10.8	4.4	11.5	14.2	5.3
Prostatectomy	99	2.0	1.3	1.3	3.0	3.1	1.8	5.1	5.0	2.2
Cholecystectomy	51	0.0	2.4	4.1	7.8	4.2	4.4	7.8	5.4	4.9
Hysterectomy	21	0.0	0.5	*	0.0	1.2	*	0.0	1.9	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,677	8.5	8.6	0.9	12.3	13.3	1.4	15.3	16.9	1.9
CONDITIONS:										
Acute Myocardial Infarction	64	32.8	27.5	6.3	35.9	30.7	6.3	39.1	34.0	6.5
Congestive Heart Failure	108	25.0	17.5	5.8	35.2	26.8	5.1	38.0	34.2	4.8
Pneumonia/Influenza	79	24.1	17.9	5.4	34.2	24.0	7.2	38.0	28.8	7.5
Chronic Obstructive Pulmonary Disease	63	7.9	12.1	6.6	9.5	19.9	7.6	19.0	25.7	6.7
Transient Cerebral Ischemia	51	2.0	1.9	2.2	5.9	4.0	3.3	5.9	6.4	3.4
Stroke	105	25.7	20.3	4.9	29.5	27.4	4.6	30.5	31.9	5.0
Hip Fracture	98	8.2	7.2	2.8	15.3	12.8	4.3	20.4	16.6	6.3
Sepsis	22	4.5	29.9	*	22.7	37.0	*	22.7	42.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	0.0	2.2	*	0.0	4.6	*	0.0	7.1	*
Carotid Endarterectomy	7	0.0	1.2	*	0.0	2.1	*	0.0	3.0	*
Hip Replacement/Reconstruction	57	3.5	3.3	2.5	8.8	6.1	3.5	12.3	8.0	4.8
Open Reduction of Hip Fracture	33	9.1	6.6	*	15.2	12.3	*	15.2	16.1	*
Prostatectomy	92	2.2	1.4	1.6	4.3	3.4	2.3	6.5	5.8	2.6
Cholecystectomy	52	1.9	3.1	2.5	5.8	6.0	3.4	7.7	8.2	3.8
Hysterectomy	26	0.0	0.3	*	0.0	0.7	*	0.0	1.0	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST MARYS HOSPITAL OF EAST ST LOUIS

129 N 8th St
East Saint Louis, IL 62201

Medicare Provider Number: 140066

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	735	7.5	8.1	2.1	12.1	12.6	2.9	15.9	16.2	2.9
CONDITIONS:										
Acute Myocardial Infarction	16	18.8	27.6	*	25.0	30.1	*	25.0	33.5	*
Congestive Heart Failure	41	14.6	15.6	*	22.0	24.1	*	26.8	31.0	*
Pneumonia/Influenza	21	14.3	22.6	*	28.6	30.1	*	28.6	35.6	*
Chronic Obstructive Pulmonary Disease	10	10.0	6.8	*	10.0	10.9	*	10.0	14.5	*
Transient Cerebral Ischemia	25	0.0	2.3	*	4.0	5.2	*	4.0	8.4	*
Stroke	25	32.0	18.2	*	40.0	25.2	*	48.0	29.6	*
Hip Fracture	4	0.0	13.1	*	0.0	22.6	*	0.0	28.4	*
Sepsis	10	0.0	23.9	*	10.0	31.5	*	30.0	36.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	9.3	*	0.0	18.9	*	0.0	25.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	12.9	*	0.0	22.0	*	33.3	27.2	*
Open Reduction of Hip Fracture	1	0.0	10.3	*	0.0	18.0	*	0.0	22.3	*
Prostatectomy	9	11.1	1.8	*	11.1	4.5	*	11.1	7.4	*
Cholecystectomy	5	0.0	2.9	*	0.0	4.3	*	20.0	5.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	273
Occupancy Rate	46
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	53
Percent of Physicians Board Certified Specialists	45
Medical Residents/Interns	0
Registered Nurses	54
Licensed Practical Nurses	41

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ST MARYS HOSPITAL OF EAST ST LOUIS

Medicare Provider Number: 140066

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	828	6.6	8.8	1.4	12.6	13.9	1.4	17.5	17.8	1.3
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	39.0	*	75.0	42.4	*	75.0	45.7	*
Congestive Heart Failure	78	5.1	14.4	5.2	16.7	22.3	5.3	26.9	29.0	5.2
Pneumonia/Influenza	20	20.0	22.2	*	25.0	30.5	*	35.0	35.9	*
Chronic Obstructive Pulmonary Disease	7	0.0	11.0	*	14.3	16.4	*	28.6	21.2	*
Transient Cerebral Ischemia	20	0.0	1.9	*	0.0	3.9	*	5.0	6.0	*
Stroke	30	13.3	20.6	*	33.3	28.9	*	40.0	34.2	*
Hip Fracture	4	50.0	9.2	*	50.0	16.2	*	50.0	20.3	*
Sepsis	12	16.7	29.6	*	33.3	38.2	*	41.7	44.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	3.5	*	33.3	6.9	*	33.3	10.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	40.0	9.8	*	40.0	19.9	*	60.0	27.6	*
Open Reduction of Hip Fracture	0									
Prostatectomy	9	0.0	1.3	*	0.0	3.4	*	11.1	5.9	*
Cholecystectomy	7	14.3	6.0	*	14.3	12.2	*	14.3	17.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	915	6.6	8.0	2.6	11.1	12.6	3.5	15.8	16.3	3.0
CONDITIONS:										
Acute Myocardial Infarction	8	50.0	43.3	*	50.0	47.1	*	50.0	51.2	*
Congestive Heart Failure	66	3.0	15.6	12.2	10.6	23.5	11.2	15.2	30.0	11.4
Pneumonia/Influenza	27	18.5	19.6	*	22.2	26.5	*	25.9	32.1	*
Chronic Obstructive Pulmonary Disease	12	0.0	10.6	*	8.3	17.5	*	8.3	23.0	*
Transient Cerebral Ischemia	29	6.9	2.4	*	6.9	5.4	*	13.8	8.7	*
Stroke	31	32.3	23.0	*	38.7	29.9	*	45.2	34.4	*
Hip Fracture	5	20.0	8.1	*	20.0	13.4	*	20.0	16.8	*
Sepsis	9	44.4	29.0	*	44.4	39.2	*	55.6	46.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	4.4	*	0.0	8.7	*	0.0	12.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	50.0	8.8	*	50.0	14.3	*	50.0	17.5	*
Open Reduction of Hip Fracture	2	0.0	8.2	*	0.0	14.7	*	0.0	18.9	*
Prostatectomy	20	5.0	2.2	*	10.0	5.3	*	10.0	8.6	*
Cholecystectomy	7	0.0	3.0	*	0.0	5.4	*	0.0	7.4	*
Hysterectomy	5	0.0	0.9	*	0.0	1.7	*	0.0	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST THERESE MEDICAL CENTER

2615 Washington St
Waukegan, IL 60085

Medicare Provider Number: 140033

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,295	9.3	8.8	1.4	14.8	13.5	1.7	18.4	17.2	1.9
CONDITIONS:										
Acute Myocardial Infarction	30	26.7	25.7	*	30.0	28.1	*	33.3	31.2	*
Congestive Heart Failure	77	22.1	14.1	8.5	29.9	22.0	9.1	36.4	28.4	9.6
Pneumonia/Influenza	78	16.7	13.7	6.0	25.6	18.5	8.4	29.5	22.4	8.6
Chronic Obstructive Pulmonary Disease	11	0.0	4.8	*	9.1	9.2	*	9.1	13.2	*
Transient Cerebral Ischemia	39	2.6	1.4	*	2.6	3.2	*	5.1	5.1	*
Stroke	41	9.8	21.6	*	19.5	28.5	*	29.3	32.9	*
Hip Fracture	27	0.0	5.8	*	7.4	10.3	*	7.4	13.3	*
Sepsis	23	17.4	26.1	*	26.1	33.7	*	34.8	38.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	8.3	6.9	*	16.7	13.5	*	25.0	18.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	14	0.0	3.5	*	0.0	7.0	*	7.1	9.9	*
Open Reduction of Hip Fracture	16	0.0	5.3	*	6.3	9.8	*	6.3	12.9	*
Prostatectomy	24	0.0	0.8	*	0.0	2.0	*	0.0	3.5	*
Cholecystectomy	28	3.6	1.5	*	3.6	3.0	*	3.6	4.3	*
Hysterectomy	4	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	310
Occupancy Rate	55
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	143
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	0
Registered Nurses	178
Licensed Practical Nurses	22

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ST THERESE MEDICAL CENTER

Medicare Provider Number: 140033

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,430	11.0	9.9	1.2	17.1	15.0	1.3	21.0	19.0	1.6
CONDITIONS:										
Acute Myocardial Infarction	48	27.1	30.5	*	33.3	34.0	*	35.4	37.8	*
Congestive Heart Failure	88	18.2	15.4	5.8	27.3	23.7	5.9	34.1	30.6	6.2
Pneumonia/Influenza	95	12.6	17.4	5.4	23.2	23.5	6.3	28.4	28.2	4.7
Chronic Obstructive Pulmonary Disease	12	8.3	5.5	*	16.7	10.7	*	16.7	15.4	*
Transient Cerebral Ischemia	34	0.0	1.8	*	2.9	4.1	*	2.9	6.5	*
Stroke	46	17.4	20.1	*	26.1	26.9	*	30.4	31.4	*
Hip Fracture	25	4.0	6.8	*	8.0	12.1	*	16.0	15.4	*
Sepsis	22	45.5	28.9	*	63.6	39.9	*	68.2	46.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	0.9	*	0.0	1.8	*	0.0	2.6	*
Carotid Endarterectomy	3	0.0	1.3	*	0.0	2.9	*	0.0	4.2	*
Hip Replacement/Reconstruction	20	5.0	4.4	*	10.0	8.2	*	15.0	10.5	*
Open Reduction of Hip Fracture	4	0.0	5.0	*	0.0	9.2	*	0.0	11.8	*
Prostatectomy	27	0.0	1.1	*	7.4	2.6	*	7.4	4.2	*
Cholecystectomy	29	6.9	4.4	*	10.3	7.5	*	10.3	9.1	*
Hysterectomy	9	0.0	0.5	*	0.0	1.0	*	0.0	1.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,525	9.2	8.7	1.6	13.7	13.5	1.5	17.2	17.3	1.4
CONDITIONS:										
Acute Myocardial Infarction	31	41.9	31.6	*	41.9	35.2	*	41.9	38.6	*
Congestive Heart Failure	106	17.0	14.8	3.8	21.7	22.0	4.4	31.1	28.3	5.8
Pneumonia/Influenza	73	15.1	17.9	6.1	19.2	24.2	8.4	23.3	29.1	8.2
Chronic Obstructive Pulmonary Disease	13	7.7	5.2	*	30.8	10.6	*	38.5	15.7	*
Transient Cerebral Ischemia	53	3.8	1.7	3.2	3.8	3.7	3.7	3.8	5.9	5.4
Stroke	54	16.7	19.5	8.0	22.2	26.6	10.3	25.9	31.1	8.0
Hip Fracture	26	3.8	6.8	*	7.7	11.7	*	7.7	14.9	*
Sepsis	21	28.6	25.5	*	28.6	33.4	*	33.3	38.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	0.0	2.1	*	0.0	4.5	*	7.7	7.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	21	0.0	1.8	*	0.0	3.4	*	0.0	4.5	*
Open Reduction of Hip Fracture	13	7.7	6.8	*	15.4	12.4	*	15.4	15.9	*
Prostatectomy	30	0.0	1.6	*	0.0	4.2	*	3.3	7.1	*
Cholecystectomy	28	0.0	2.5	*	0.0	4.4	*	0.0	5.7	*
Hysterectomy	7	0.0	1.6	*	0.0	3.7	*	0.0	5.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

413.1

Medicare Provider #140033

Saint Therese Medical Center

A Division of Franciscan Sisters
Health Care Corporation

January 14, 1991

Ms. Sandra Kappert
Health Care Financing Adminstration
Health Standards & Quality Bureau
2-D-2 Meadows East Building
5323 Security Blvd.
Baltimore, Maryland 21207

Dear Ms. Kappert:

Once again, thank you for the opportunity to review and comment on HCFA's Medicare mortality statistics for fiscal years 1987, 1988 and 1989. As has been the standard practice at Saint Therese Medical Center for the past four years, this information is reviewed by various medical staff committees as well as by our administrative staff.

After a review of the revised methodology for calculation of hospital mortality information, we offer the following comments:

1. SELECTION OF CASES FOR ANALYSIS

While HCFA's decision to select single admissions at random for Medicare beneficiaries with more than one acute hospital admission per year is considered to be "fairer" to all hospitals, we observed five (5) cases where it could be identified that a patient had expired either within a non-affiliated institution or within 30, 90 or 180 days post discharge from that or yet another separate facility. Saint Therese Medical Center, however, was credited with the occurrence for statistical purposes.

We do feel that the inclusion of deaths occurring as late as 182 days following patient admission will provide for better analysis of short and long term patient outcomes. This information should prove to be beneficial to not only our medical staff and nursing personnel but to our skilled, home health and rehabilitation staff as well.

2. PREDICTING PROBABILITY OF DEATH

At the present time, the use of the MEDPAR file appears to be the primary source for maintenance of clinical/summary information on the hospitalizations of Medicare beneficiaries.

In light of the controversy over the accuracy of the coding of the clinical data contained in the MEDPAR file, it can be surmised that a significant number of cases with more substantial or acute conditions may be placed in a grouping with a lower than expected mortality rate.

In the patient specific listing provided by HCFA, we have noted nineteen (19) cases of rehab patients that were included in our fiscal year 1989 listing of randomly selected acute care hospitalizations.

During fiscal year 1989, Saint Therese Medical Center applied for and was granted a separate provider number for rehabilitation cases; therefore, this suggests that an adjustment to the MEDPAR file should be conducted once acute care providers are approved for exemption in their specialty care units. The clinical diagnoses of these patients falls under the "other low risk disorder" category and thereby suggests a lower than expected morality. This information could skew acute hospital mortality statistics.

3. REFINEMENT OF DIAGNOSTIC GROUPS

The new diagnostic clustering of patients into eight medical conditions and nine procedure categories provides a broad base of patient outcomes into more clinically meaningful groups. The refinement of the diagnostic groupings of patients will provide an aid to the Medical Center in the conduct of quality and appropriateness reviews.

4. ANALYSIS OF DIFFERENCES BETWEEN OBSERVED AND EXPECTED MORTALITY

HCFA's decision to establish a standard deviation in the analysis of observed versus expected mortality information provides a much more useful tool in establishing areas for further review/study. At Saint Therese Medical Center, an analysis of the mortality rates for 30, 90 and 180 days was conducted on all cases with a calculated standard deviation.

Using HCFA's "rule of thumb" for the analysis of variabilities of mortality rates, Saint Therese Medical Center was pleased to learn that there was a less than one (1) chance in four (4) that our observed mortality rate differed from the predicted rate no more than 1.2 times the standard deviation under all clinical and diagnostic categories. Thus concluding, we fall well within the range of predicted range of mortality for all of our clinical and diagnostic cases.

5. ANALYSIS OF ALL CAUSES OF DEATH

Overall, Saint Therese Medical Center was pleased to learn that for fiscal years 1987, 1988 and 1989, we fell within the predicted ranges for mortality in all causes of death. Only in fiscal year 1988 at 90 and 180 days post patient discharge did we not experience cases where there was

ST VINCENT MEMORIAL HOSPITAL

201 East Pleasant St
Taylorville, IL 62568

Medicare Provider Number: 140102

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	641	9.2	8.6	1.9	12.8	13.5	2.3	15.6	17.5	2.6
CONDITIONS:										
Acute Myocardial Infarction	11	36.4	20.2	*	36.4	22.6	*	36.4	25.4	*
Congestive Heart Failure	63	11.1	17.7	6.1	17.5	27.4	8.4	25.4	34.9	9.0
Pneumonia/Influenza	27	14.8	17.0	*	18.5	23.4	*	18.5	28.4	*
Chronic Obstructive Pulmonary Disease	21	4.8	6.4	*	4.8	11.5	*	4.8	16.0	*
Transient Cerebral Ischemia	17	5.9	2.9	*	5.9	6.7	*	11.8	10.8	*
Stroke	22	27.3	23.8	*	36.4	30.7	*	36.4	35.5	*
Hip Fracture	21	0.0	10.5	*	9.5	19.1	*	9.5	24.3	*
Sepsis	4	25.0	18.5	*	25.0	25.9	*	25.0	30.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	0.7	*	0.0	2.0	*	0.0	3.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	0.0	9.8	*	9.1	18.6	*	9.1	24.2	*
Open Reduction of Hip Fracture	8	0.0	8.7	*	12.5	16.6	*	12.5	21.8	*
Prostatectomy	8	0.0	0.5	*	0.0	1.0	*	0.0	1.7	*
Cholecystectomy	21	0.0	1.7	*	0.0	2.9	*	0.0	3.9	*
Hysterectomy	7	0.0	0.5	*	0.0	1.2	*	0.0	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	139
Occupancy Rate	54
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	37
Percent of Physicians Board Certified Specialists	54
Medical Residents/Interns	0
Registered Nurses	52
Licensed Practical Nurses	25

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST VINCENT MEMORIAL HOSPITAL

Medicare Provider Number: 140102

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	769	7.4	8.8	1.4	12.1	13.7	1.9	15.2	17.6	2.4
CONDITIONS:										
Acute Myocardial Infarction	18	16.7	29.0	*	22.2	33.4	*	27.8	37.2	*
Congestive Heart Failure	44	11.4	15.0	*	22.7	23.4	*	22.7	30.3	*
Pneumonia/Influenza	52	19.2	19.6	5.6	25.0	26.3	6.7	26.9	31.4	9.6
Chronic Obstructive Pulmonary Disease	19	0.0	3.8	*	5.3	7.7	*	10.5	11.3	*
Transient Cerebral Ischemia	23	0.0	2.0	*	0.0	4.5	*	0.0	7.1	*
Stroke	30	16.7	24.2	*	26.7	31.7	*	40.0	36.7	*
Hip Fracture	28	10.7	6.8	*	17.9	12.2	*	17.9	15.6	*
Sepsis	6	50.0	29.7	*	50.0	38.6	*	50.0	44.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	5.3	*	0.0	7.4	*	0.0	9.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	11.1	6.5	*	22.2	12.3	*	22.2	15.9	*
Open Reduction of Hip Fracture	15	13.3	6.0	*	20.0	11.4	*	20.0	15.0	*
Prostatectomy	11	0.0	1.2	*	9.1	2.9	*	9.1	4.9	*
Cholecystectomy	19	5.3	2.3	*	5.3	4.2	*	10.5	5.5	*
Hysterectomy	7	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	775	10.6	9.3	2.5	15.2	14.6	3.3	17.9	18.8	2.0
CONDITIONS:										
Acute Myocardial Infarction	27	51.9	30.5	*	55.6	34.5	*	55.6	38.3	*
Congestive Heart Failure	36	13.9	16.8	*	22.2	26.6	*	25.0	34.7	*
Pneumonia/Influenza	45	13.3	15.7	*	22.2	21.3	*	26.7	26.1	*
Chronic Obstructive Pulmonary Disease	36	8.3	9.5	*	19.4	17.1	*	25.0	23.5	*
Transient Cerebral Ischemia	14	0.0	2.1	*	0.0	4.5	*	0.0	7.2	*
Stroke	27	18.5	20.2	*	22.2	28.3	*	29.6	33.3	*
Hip Fracture	17	5.9	8.8	*	17.6	15.4	*	17.6	19.5	*
Sepsis	8	37.5	31.2	*	50.0	41.2	*	62.5	47.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	20.0	6.3	*	20.0	10.6	*	20.0	14.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	11.1	5.5	*	11.1	10.3	*	11.1	13.7	*
Open Reduction of Hip Fracture	7	0.0	9.0	*	28.6	16.5	*	28.6	21.0	*
Prostatectomy	15	0.0	2.1	*	0.0	5.0	*	0.0	8.3	*
Cholecystectomy	22	0.0	4.2	*	0.0	6.8	*	4.5	8.4	*
Hysterectomy	5	0.0	2.1	*	0.0	4.5	*	0.0	6.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SUBURBAN HOSPITAL & SANITARIUM COOK CTY

55th St & County Line Rd
Hinsdale, IL 60521

Medicare Provider Number: 140297

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	477	14.5	11.6	2.9	21.8	17.9	3.7	27.5	22.7	4.7
CONDITIONS:										
Acute Myocardial Infarction	7	42.9	33.0	*	42.9	36.7	*	57.1	40.0	*
Congestive Heart Failure	34	26.5	17.1	*	35.3	25.9	*	47.1	33.2	*
Pneumonia/Influenza	37	29.7	19.9	*	29.7	26.6	*	32.4	31.7	*
Chronic Obstructive Pulmonary Disease	14	0.0	6.6	*	21.4	11.3	*	21.4	15.6	*
Transient Cerebral Ischemia	5	20.0	2.8	*	40.0	6.7	*	80.0	11.1	*
Stroke	12	33.3	15.4	*	50.0	21.8	*	50.0	25.8	*
Hip Fracture	10	10.0	7.2	*	20.0	13.1	*	20.0	17.1	*
Sepsis	16	31.3	34.6	*	62.5	45.5	*	62.5	52.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	3.2	*	0.0	7.0	*	0.0	10.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	6.8	*	0.0	12.8	*	0.0	17.0	*
Open Reduction of Hip Fracture	7	14.3	5.8	*	28.6	11.3	*	28.6	15.1	*
Prostatectomy	13	7.7	1.3	*	15.4	3.3	*	15.4	5.7	*
Cholecystectomy	4	0.0	2.6	*	0.0	4.7	*	0.0	6.2	*
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	122
Occupancy Rate	34
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	60
Percent of Physicians Board Certified Specialists	62
Medical Residents/Interns	0
Registered Nurses	49
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	Yes
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

** Not used in calculating hospital mortality rates.

SUBURBAN HOSPITAL & SANITARIUM COOK CTY

Medicare Provider Number: 140297

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	480	16.7	11.4	2.6	22.3	17.2	2.4	28.1	21.5	2.8
CONDITIONS:										
Acute Myocardial Infarction	13	30.8	36.2	*	30.8	40.5	*	38.5	44.6	*
Congestive Heart Failure	23	30.4	20.5	*	43.5	29.9	*	43.5	37.5	*
Pneumonia/Influenza	41	26.8	21.4	*	36.6	28.5	*	48.8	33.8	*
Chronic Obstructive Pulmonary Disease	6	16.7	4.2	*	16.7	8.3	*	16.7	11.9	*
Transient Cerebral Ischemia	14	0.0	1.8	*	0.0	3.8	*	7.1	5.9	*
Stroke	14	28.6	23.8	*	28.6	31.8	*	35.7	37.1	*
Hip Fracture	13	7.7	8.4	*	23.1	15.6	*	23.1	20.5	*
Sepsis	12	33.3	28.8	*	50.0	39.2	*	50.0	46.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	3.9	*	0.0	7.7	*	0.0	11.4	*
Carotid Endarterectomy	1	0.0	1.0	*	0.0	1.8	*	0.0	2.6	*
Hip Replacement/Reconstruction	6	0.0	4.7	*	16.7	8.1	*	16.7	9.9	*
Open Reduction of Hip Fracture	7	0.0	7.8	*	14.3	15.9	*	14.3	21.6	*
Prostatectomy	11	0.0	3.3	*	0.0	4.8	*	0.0	6.5	*
Cholecystectomy	11	9.1	3.7	*	9.1	6.3	*	9.1	7.7	*
Hysterectomy	1	0.0	0.7	*	0.0	1.3	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	400	10.7	10.2	1.8	17.5	15.6	2.4	23.2	19.9	3.5
CONDITIONS:										
Acute Myocardial Infarction	9	22.2	31.2	*	22.2	35.5	*	44.4	40.0	*
Congestive Heart Failure	16	25.0	16.1	*	31.3	23.9	*	31.3	30.6	*
Pneumonia/Influenza	23	34.8	16.1	*	43.5	21.7	*	47.8	26.5	*
Chronic Obstructive Pulmonary Disease	6	0.0	20.3	*	0.0	29.5	*	16.7	35.5	*
Transient Cerebral Ischemia	10	0.0	1.7	*	0.0	3.7	*	10.0	6.0	*
Stroke	15	26.7	21.3	*	26.7	28.0	*	26.7	32.8	*
Hip Fracture	6	0.0	4.9	*	16.7	9.6	*	16.7	13.0	*
Sepsis	4	0.0	38.5	*	0.0	46.6	*	25.0	54.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	3.6	*	0.0	7.6	*	0.0	11.9	*
Carotid Endarterectomy	2	0.0	1.2	*	0.0	2.2	*	0.0	3.1	*
Hip Replacement/Reconstruction	6	0.0	2.3	*	0.0	4.6	*	0.0	6.4	*
Open Reduction of Hip Fracture	3	0.0	3.8	*	33.3	7.6	*	33.3	10.4	*
Prostatectomy	14	0.0	0.9	*	7.1	2.1	*	14.3	3.6	*
Cholecystectomy	7	14.3	6.2	*	28.6	12.6	*	42.9	17.6	*
Hysterectomy	2	0.0	8.1	*	0.0	16.5	*	0.0	24.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SWEDISH AMERICAN HOSPITAL

1400 Charles St
Rockford, IL 61108

Medicare Provider Number: 140228

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,547	8.6	9.4	0.9	13.8	14.2	1.1	17.4	17.9	0.9
CONDITIONS:										
Acute Myocardial Infarction	92	16.3	26.6	7.7	21.7	29.3	7.2	25.0	32.5	6.5
Congestive Heart Failure	136	19.9	14.8	4.1	27.9	22.7	4.4	38.2	29.3	5.9
Pneumonia/Influenza	93	12.9	16.6	4.7	23.7	22.7	4.9	28.0	27.4	5.7
Chronic Obstructive Pulmonary Disease	20	0.0	7.0	*	15.0	12.8	*	20.0	18.0	*
Transient Cerebral Ischemia	43	2.3	2.2	*	4.7	4.8	*	7.0	7.6	*
Stroke	78	21.8	23.8	7.0	28.2	29.9	5.6	35.9	34.3	5.7
Hip Fracture	92	4.3	7.7	4.1	13.0	13.1	5.0	15.2	16.6	5.0
Sepsis	36	33.3	30.2	*	38.9	38.6	*	44.4	44.8	*
PROCEDURES:										
Angioplasty	76	7.9	4.6	3.6	7.9	5.7	3.6	7.9	6.9	3.7
Coronary Artery Bypass Graft	46	8.7	6.2	*	13.0	9.1	*	15.2	10.8	*
Initial Pacemaker Insertion	18	16.7	5.6	*	16.7	9.8	*	22.2	13.4	*
Carotid Endarterectomy	32	3.1	1.9	*	3.1	3.5	*	3.1	5.1	*
Hip Replacement/Reconstruction	75	5.3	4.5	2.6	6.7	8.1	4.4	8.0	10.6	5.6
Open Reduction of Hip Fracture	31	0.0	8.6	*	9.7	15.1	*	12.9	19.0	*
Prostatectomy	127	1.6	1.4	1.8	3.1	3.2	3.0	3.9	5.1	3.4
Cholecystectomy	63	1.6	3.1	2.5	3.2	5.6	4.2	4.8	7.5	5.4
Hysterectomy	35	0.0	0.6	*	0.0	1.2	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	321
Occupancy Rate	62
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	190
Percent of Physicians Board Certified Specialists	85
Medical Residents/Interns	0
Registered Nurses	327
Licensed Practical Nurses	44

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

SWEDISH AMERICAN HOSPITAL

Medicare Provider Number: 140228

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,640	10.0	9.9	0.6	15.9	15.0	1.1	18.9	18.9	0.8
CONDITIONS:										
Acute Myocardial Infarction	81	25.9	26.9	5.3	30.9	30.2	5.2	33.3	33.6	5.6
Congestive Heart Failure	126	19.0	17.1	5.7	29.4	25.5	7.5	35.7	32.5	6.0
Pneumonia/Influenza	101	20.8	18.6	4.4	32.7	24.9	6.0	35.6	29.6	6.6
Chronic Obstructive Pulmonary Disease	10	10.0	10.5	*	30.0	17.6	*	30.0	24.2	*
Transient Cerebral Ischemia	70	5.7	2.2	*	5.7	4.6	*	12.9	7.1	*
Stroke	80	27.5	26.1	7.1	35.0	32.7	8.1	40.0	37.5	6.9
Hip Fracture	79	8.9	8.0	3.1	12.7	14.0	6.0	13.9	17.7	6.7
Sepsis	29	17.2	29.0	*	27.6	36.5	*	41.4	42.7	*
PROCEDURES:										
Angioplasty	78	5.1	3.6	3.2	6.4	4.7	3.0	6.4	5.9	2.8
Coronary Artery Bypass Graft	51	3.9	5.2	4.2	9.8	7.4	4.7	9.8	8.9	5.3
Initial Pacemaker Insertion	18	0.0	2.4	*	5.6	4.5	*	5.6	6.7	*
Carotid Endarterectomy	29	0.0	1.8	*	0.0	3.5	*	6.9	5.0	*
Hip Replacement/Reconstruction	61	8.2	4.4	5.0	9.8	7.9	4.9	9.8	10.3	5.3
Open Reduction of Hip Fracture	40	5.0	7.2	*	7.5	13.3	*	7.5	17.1	*
Prostatectomy	132	1.5	0.9	1.2	3.0	2.3	1.5	3.0	3.8	1.8
Cholecystectomy	59	3.4	3.3	3.3	6.8	6.0	4.0	8.5	7.8	3.5
Hysterectomy	28	3.6	1.2	*	7.1	2.6	*	7.1	4.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,597	8.8	9.4	1.4	13.3	14.4	1.6	17.3	18.3	2.1
CONDITIONS:										
Acute Myocardial Infarction	91	29.7	28.1	5.3	33.0	31.6	5.6	34.1	35.1	5.0
Congestive Heart Failure	134	20.9	16.7	4.8	31.3	25.3	5.2	38.8	32.4	6.3
Pneumonia/Influenza	66	10.6	16.2	8.3	15.2	21.6	8.9	15.2	26.1	10.5
Chronic Obstructive Pulmonary Disease	23	8.7	7.5	*	13.0	13.0	*	21.7	17.5	*
Transient Cerebral Ischemia	61	4.9	2.6	2.6	4.9	5.5	3.1	8.2	8.7	3.6
Stroke	84	22.6	24.0	4.8	27.4	31.2	5.7	32.1	35.9	5.6
Hip Fracture	74	4.1	7.4	4.2	8.1	13.3	6.2	9.5	17.3	7.1
Sepsis	25	24.0	26.6	*	32.0	34.8	*	36.0	40.8	*
PROCEDURES:										
Angioplasty	63	3.2	5.3	3.3	4.8	6.5	4.0	7.9	7.9	3.9
Coronary Artery Bypass Graft	37	5.4	5.7	*	5.4	8.6	*	5.4	10.3	*
Initial Pacemaker Insertion	35	2.9	4.1	*	5.7	8.1	*	11.4	11.7	*
Carotid Endarterectomy	26	0.0	1.9	*	0.0	3.6	*	0.0	5.3	*
Hip Replacement/Reconstruction	52	0.0	3.3	3.9	0.0	6.3	6.4	0.0	8.3	8.0
Open Reduction of Hip Fracture	29	10.3	7.1	*	17.2	13.0	*	20.7	16.8	*
Prostatectomy	120	0.0	1.4	1.6	0.8	3.3	2.7	4.2	5.5	2.9
Cholecystectomy	53	3.8	3.9	3.4	7.5	6.5	4.7	11.3	8.1	6.7
Hysterectomy	30	0.0	0.3	*	3.3	0.7	*	6.7	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

419.1

SwedishAmerican
PEOPLE WHO CARE

Henry C. Anderson, M.D.
Vice-President, Professional Services

January 15, 1991

Mrs. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Medicare Provider #140228

The new methodology for predicting death rates is an interesting approach in studying Medicare mortality rates. The education and comparison goals in releasing this data to the general public were probably far better served when HFCA used "ranges" rather than "standard deviations," a term and definition which brings clarity to few. We will be "rearranging" the data into the "range" form because it better meets educational goals.

This hospital's rates for "all causes" fall under the predicted rates for F.Y. 1987 and 1989, and within one standard deviation for F.Y. 1988. For each of these years, not one of the specific 17 categories had observed rates that fell outside the upper bounds for the 95% prediction interval. However, despite this reassuring baseline data, I predict our medical staff will discuss the data and the methodology in their quality assurance activities with serious reservations. The medical staff already review the records and evaluate the care of patients who expire here. I would also anticipate the physicians will challenge your model for attributing death that occurs up to 180 days post discharge back to the hospital episode. Patient characteristics (age, underlying health status, etc.,), post hospital care, plus a myriad of unknown factors dilute the acceptability of this particular inference.

Since this is a level II Trauma Center and a tertiary care hospital with high referral patterns from the entire Northern Illinois region for cardiac and cancer treatments, I was

SwedishAmerican Hospital
1400 Charles Street
Rockford, Illinois 61104-2298
815/968-4400

A Teaching Hospital Affiliated With The University of Illinois College of Medicine at Rockford

not surprised to see our observed mortality rates for related conditions and procedures fall into the upper bound of predicted rates. For those areas with too few cases to determine a standard deviation, it seems superfluous to comment.

I would like to state my concern that the release of the data in its present format to the general public could have negative consequences for the public's trusts in their health care institutions. Most people will not understand prediction models nor the concept that observed rates within two standard deviations of the mean (predicted mortality rate) are acceptable. A person who is relatively unsophisticated in statistical analysis would see the observed rate, which may be much higher than the predicted rate, and arrive at an erroneous conclusions. I recall how the "ranges" that were published in previous years resulted in unwarranted alarm and outcry for certain institutions. The release of 1989 data in its present format could certainly result in similar distorted interpretations.

I appreciate this opportunity to respond and hope my concerns are given consideration.

Sincerely,

Henry C. Anderson MD

Henry Anderson, M.D.

HA/ps

SWEDISH COVENANT HOSPITAL

5145 N California Ave
Chicago, IL 60625

Medicare Provider Number: 140114

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1,934	11.0	10.9	0.7	16.7	16.3	0.9	20.5	20.6	0.9
CONDITIONS:										
Acute Myocardial Infarction	65	24.6	30.8	8.5	26.2	34.6	9.0	29.2	38.4	10.3
Congestive Heart Failure	139	11.5	18.1	5.4	21.6	27.3	5.9	28.1	34.7	6.5
Pneumonia/Influenza	88	25.0	18.7	9.1	30.7	25.0	9.1	33.0	30.0	7.2
Chronic Obstructive Pulmonary Disease	24	4.2	6.1	*	8.3	11.2	*	12.5	15.7	*
Transient Cerebral Ischemia	56	0.0	1.8	2.8	1.8	4.1	4.8	7.1	6.5	5.0
Stroke	105	21.9	22.4	4.1	30.5	28.8	4.7	35.2	33.4	5.2
Hip Fracture	50	12.0	7.9	*	16.0	13.7	*	22.0	17.4	*
Sepsis	30	26.7	33.3	*	43.3	43.3	*	46.7	49.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	24	0.0	5.4	*	0.0	10.2	*	4.2	14.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	27	14.8	4.9	*	18.5	8.9	*	18.5	11.5	*
Open Reduction of Hip Fracture	28	7.1	6.9	*	14.3	12.6	*	25.0	16.3	*
Prostatectomy	75	1.3	2.1	1.9	6.7	4.4	3.1	8.0	6.7	3.1
Cholecystectomy	29	17.2	6.8	*	17.2	11.9	*	17.2	15.4	*
Hysterectomy	14	0.0	1.2	*	0.0	2.5	*	7.1	3.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	200
Occupancy Rate	97
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	150
Percent of Physicians Board Certified Specialists	73
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SWEDISH COVENANT HOSPITAL

Medicare Provider Number: 140114

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
CATEGORY	NUMBER OF CASES	30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,156	10.7	10.7	0.8	17.6	16.0	1.5	21.5	20.4	1.6
CONDITIONS:										
Acute Myocardial Infarction	70	38.6	32.5	8.4	44.3	35.7	10.0	50.0	39.5	12.0
Congestive Heart Failure	138	21.7	18.2	5.0	33.3	27.5	7.5	39.1	34.8	6.8
Pneumonia/Influenza	81	22.2	20.8	5.6	33.3	27.7	6.6	39.5	32.9	9.3
Chronic Obstructive Pulmonary Disease	14	7.1	6.4	*	7.1	12.8	*	35.7	18.5	*
Transient Cerebral Ischemia	61	0.0	2.3	3.6	8.2	5.2	4.1	11.5	8.2	5.7
Stroke	120	20.0	24.6	4.8	32.5	31.2	4.5	37.5	36.0	4.7
Hip Fracture	70	5.7	8.1	3.9	12.9	14.0	6.3	12.9	17.5	7.9
Sepsis	22	27.3	30.4	*	40.9	39.1	*	45.5	45.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	16	12.5	6.7	*	18.8	11.8	*	18.8	15.8	*
Carotid Endarterectomy	4	0.0	1.3	*	0.0	2.2	*	0.0	3.2	*
Hip Replacement/Reconstruction	36	2.8	4.0	*	5.6	7.4	*	5.6	9.8	*
Open Reduction of Hip Fracture	30	3.3	7.8	*	6.7	13.9	*	6.7	17.4	*
Prostatectomy	97	1.0	2.2	1.8	6.2	4.5	2.8	7.2	6.9	2.6
Cholecystectomy	29	10.3	7.7	*	17.2	12.8	*	20.7	15.9	*
Hysterectomy	11	9.1	0.7	*	9.1	1.6	*	9.1	2.3	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
CATEGORY	NUMBER OF CASES	30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,072	11.3	11.7	2.6	18.8	17.0	1.2	22.7	21.3	1.3
CONDITIONS:										
Acute Myocardial Infarction	82	36.6	36.5	6.7	42.7	40.0	6.8	47.6	44.0	6.8
Congestive Heart Failure	126	15.9	18.3	6.0	28.6	27.1	4.6	33.3	34.2	4.6
Pneumonia/Influenza	86	24.4	20.7	6.0	34.9	27.4	8.2	38.4	32.6	10.1
Chronic Obstructive Pulmonary Disease	16	0.0	5.3	*	0.0	10.0	*	6.3	14.3	*
Transient Cerebral Ischemia	82	0.0	2.0	2.2	0.0	4.4	3.8	2.4	7.0	3.8
Stroke	135	20.0	24.8	4.7	31.9	31.8	4.1	36.3	36.6	4.3
Hip Fracture	53	5.7	7.5	5.1	7.5	13.4	9.1	11.3	17.3	9.9
Sepsis	19	31.6	32.9	*	57.9	40.7	*	68.4	46.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	23	17.4	4.3	*	17.4	8.1	*	21.7	11.3	*
Carotid Endarterectomy	5	0.0	1.3	*	0.0	2.5	*	0.0	3.8	*
Hip Replacement/Reconstruction	17	5.9	6.1	*	17.6	11.3	*	23.5	14.7	*
Open Reduction of Hip Fracture	16	12.5	6.6	*	12.5	12.5	*	12.5	16.6	*
Prostatectomy	104	1.9	1.6	1.3	4.8	3.9	2.3	7.7	6.2	3.6
Cholecystectomy	40	5.0	7.3	*	7.5	13.0	*	7.5	16.5	*
Hysterectomy	21	0.0	1.0	*	0.0	2.1	*	0.0	3.0	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

Swedish Covenant Hospital
5145 North California Avenue, Chicago, Illinois 60625 312/878-8200
FAX: 312/878-6152

January 14, 1991

Mrs. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Enclosed, please find Swedish Covenant Hospital's comments pertaining to the Medicare mortality information provided by HCFA. Also enclosed is corrected patient data concerning patients who expired at Swedish Covenant Hospital.

We appreciate the opportunity to review and comment upon the mortality data prior to its publication.

Sincerely,

Edward A. Cucci, F.A.C.H.E.
President

EAC:jab

Swedish Covenant Hospital
5145 North California Avenue, Chicago, Illinois 60625 312/878-8200
FAX: 312/878-6152

PROVIDER NUMBER: 140114

COMMENTS REGARDING THE HCFA MORTALITY DATA

The mortality rates for Medicare patients admitted to Swedish Covenant Hospital in 1989 are within the expected mortality rates for all causes, each diagnostic category and each procedure studied. Further, the hospital's mortality rates are within the predicted rates for patients who expired within the timeframe of 30 days, 90 days or 180 days after the selected admission.

THOMAS H BOYD MEMORIAL HOSPITAL

800 School Street
Carrollton, IL 62016

Medicare Provider Number: 140188

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	198	17.7	10.7	8.9	22.2	16.1	7.2	25.3	20.2	5.7
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	30.2	*	40.0	33.9	*	40.0	38.1	*
Congestive Heart Failure	9	22.2	17.7	*	22.2	27.7	*	22.2	35.7	*
Pneumonia/Influenza	10	10.0	13.1	*	20.0	18.4	*	20.0	22.9	*
Chronic Obstructive Pulmonary Disease	4	0.0	6.2	*	0.0	9.3	*	0.0	12.4	*
Transient Cerebral Ischemia	7	0.0	2.3	*	14.3	5.3	*	14.3	8.8	*
Stroke	13	30.8	22.6	*	46.2	29.7	*	53.8	34.7	*
Hip Fracture	0									
Sepsis	1	0.0	19.9	*	0.0	27.5	*	0.0	35.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	3.8	*	0.0	7.7	*	0.0	10.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	73
Occupancy Rate	55
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	15
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

THOMAS H BOYD MEMORIAL HOSPITAL

Medicare Provider Number: 140188

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	198	11.6	10.9	3.6	16.7	16.4	3.6	20.7	20.3	3.9
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	30.7	*	40.0	33.7	*	40.0	37.7	*
Congestive Heart Failure	8	37.5	20.6	*	37.5	31.4	*	37.5	39.6	*
Pneumonia/Influenza	5	20.0	17.8	*	20.0	25.9	*	20.0	31.1	*
Chronic Obstructive Pulmonary Disease	2	0.0	2.2	*	0.0	4.5	*	0.0	6.4	*
Transient Cerebral Ischemia	8	0.0	2.3	*	0.0	5.4	*	0.0	8.8	*
Stroke	13	30.8	21.5	*	38.5	28.7	*	46.2	33.8	*
Hip Fracture	1	0.0	5.7	*	0.0	11.3	*	0.0	16.1	*
Sepsis	1	0.0	26.1	*	0.0	30.6	*	0.0	36.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.2	*	0.0	0.5	*	0.0	0.8	*
Cholecystectomy	5	0.0	2.5	*	0.0	4.5	*	0.0	5.4	*
Hysterectomy	1	0.0	0.3	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	175	17.7	11.0	7.2	21.1	16.2	5.8	26.3	20.3	6.5
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	32.4	*	50.0	35.2	*	75.0	38.8	*
Congestive Heart Failure	5	20.0	19.0	*	20.0	28.2	*	20.0	35.8	*
Pneumonia/Influenza	16	25.0	15.8	*	25.0	22.0	*	31.3	26.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	7	0.0	1.9	*	0.0	4.0	*	0.0	6.4	*
Stroke	14	57.1	23.9	*	57.1	30.5	*	57.1	35.4	*
Hip Fracture	1	0.0	7.9	*	0.0	15.2	*	0.0	19.8	*
Sepsis	1	0.0	19.0	*	0.0	27.9	*	0.0	33.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.4	*	0.0	0.9	*	0.0	1.6	*
Cholecystectomy	1	0.0	0.9	*	0.0	1.8	*	0.0	2.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

THOREK HOSPITAL AND MEDICAL CENTER

850 W Irving Park Rd
Chicago, IL 60613

Medicare Provider Number: 140115

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	567	5.8	8.8	3.5	13.1	14.1	1.6	17.8	18.4	2.0
CONDITIONS:										
Acute Myocardial Infarction	7	42.9	32.9	*	57.1	36.0	*	57.1	40.0	*
Congestive Heart Failure	33	15.2	16.0	*	24.2	24.9	*	39.4	32.0	*
Pneumonia/Influenza	24	8.3	19.1	*	29.2	26.2	*	45.8	32.0	*
Chronic Obstructive Pulmonary Disease	6	0.0	21.5	*	0.0	30.6	*	0.0	36.3	*
Transient Cerebral Ischemia	5	0.0	1.5	*	0.0	3.1	*	0.0	4.9	*
Stroke	20	10.0	14.2	*	15.0	20.4	*	15.0	24.4	*
Hip Fracture	5	20.0	5.1	*	20.0	9.3	*	20.0	12.5	*
Sepsis	3	33.3	32.2	*	33.3	40.4	*	33.3	45.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	2.9	*	0.0	5.3	*	0.0	7.5	*
Carotid Endarterectomy	2	0.0	1.5	*	0.0	2.6	*	50.0	3.9	*
Hip Replacement/Reconstruction	6	0.0	4.1	*	0.0	7.1	*	0.0	9.4	*
Open Reduction of Hip Fracture	1	100.0	4.6	*	100.0	8.9	*	100.0	11.9	*
Prostatectomy	15	0.0	1.7	*	6.7	4.2	*	6.7	6.9	*
Cholecystectomy	10	10.0	4.5	*	30.0	9.1	*	30.0	12.6	*
Hysterectomy	5	0.0	2.7	*	20.0	5.0	*	20.0	6.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	170
Occupancy Rate	48
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	118
Percent of Physicians Board Certified Specialists	48
Medical Residents/Interns	5
Registered Nurses	94
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

THOREK HOSPITAL AND MEDICAL CENTER

Medicare Provider Number: 140115

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	584	5.7	8.2	1.3	11.0	13.0	1.7	13.9	17.0	1.8
CONDITIONS:										
Acute Myocardial Infarction	3	66.7	43.3	*	66.7	46.6	*	66.7	50.3	*
Congestive Heart Failure	44	25.0	16.4	*	34.1	24.9	*	36.4	31.9	*
Pneumonia/Influenza	17	5.9	15.0	*	23.5	20.1	*	23.5	24.0	*
Chronic Obstructive Pulmonary Disease	6	16.7	12.6	*	16.7	18.9	*	16.7	23.7	*
Transient Cerebral Ischemia	10	0.0	1.8	*	0.0	4.0	*	10.0	6.3	*
Stroke	12	8.3	15.3	*	8.3	21.7	*	16.7	26.1	*
Hip Fracture	2	0.0	5.4	*	0.0	10.1	*	50.0	13.4	*
Sepsis	7	0.0	40.1	*	42.9	49.6	*	57.1	55.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	0.9	*	0.0	1.9	*	0.0	2.9	*
Carotid Endarterectomy	1	0.0	1.1	*	0.0	2.0	*	0.0	2.9	*
Hip Replacement/Reconstruction	3	0.0	2.0	*	0.0	4.1	*	33.3	6.0	*
Open Reduction of Hip Fracture	0									
Prostatectomy	13	0.0	1.2	*	7.7	3.2	*	7.7	5.5	*
Cholecystectomy	9	0.0	3.4	*	11.1	6.7	*	11.1	9.0	*
Hysterectomy	4	0.0	0.6	*	25.0	1.3	*	25.0	2.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	485	7.4	10.1	4.0	11.8	14.7	4.1	16.1	18.4	2.8
CONDITIONS:										
Acute Myocardial Infarction	6	0.0	20.4	*	0.0	23.6	*	16.7	26.7	*
Congestive Heart Failure	28	14.3	15.5	*	21.4	23.1	*	28.6	29.4	*
Pneumonia/Influenza	13	23.1	15.9	*	30.8	21.2	*	30.8	25.7	*
Chronic Obstructive Pulmonary Disease	7	14.3	12.7	*	14.3	19.6	*	14.3	25.1	*
Transient Cerebral Ischemia	8	0.0	2.8	*	0.0	6.1	*	0.0	9.7	*
Stroke	11	0.0	17.4	*	9.1	24.0	*	18.2	28.5	*
Hip Fracture	3	0.0	12.4	*	33.3	21.0	*	33.3	25.6	*
Sepsis	5	0.0	19.3	*	20.0	25.6	*	20.0	29.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	0.9	*	0.0	2.0	*	0.0	3.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	4.6	*	25.0	8.1	*	25.0	10.1	*
Open Reduction of Hip Fracture	0									
Prostatectomy	9	0.0	1.7	*	0.0	4.0	*	11.1	6.2	*
Cholecystectomy	10	0.0	2.6	*	10.0	4.9	*	10.0	6.9	*
Hysterectomy	1	0.0	0.0	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

U M W OF A UNION HOSPITAL

507 W St Louis St
West Frankfort, IL 62896

Medicare Provider Number: 140215

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	446	14.8	10.8	5.4	19.5	15.3	5.6	22.4	19.1	4.1
CONDITIONS:										
Acute Myocardial Infarction	26	57.7	35.1	*	57.7	38.7	*	61.5	42.6	*
Congestive Heart Failure	21	19.0	14.6	*	23.8	22.4	*	23.8	29.0	*
Pneumonia/Influenza	30	16.7	17.8	*	23.3	23.9	*	33.3	28.6	*
Chronic Obstructive Pulmonary Disease	3	33.3	5.2	*	33.3	9.6	*	33.3	13.8	*
Transient Cerebral Ischemia	11	9.1	1.9	*	9.1	4.1	*	18.2	6.6	*
Stroke	15	33.3	21.3	*	46.7	26.9	*	46.7	31.2	*
Hip Fracture	13	7.7	8.4	*	15.4	15.1	*	30.8	19.5	*
Sepsis	9	33.3	34.2	*	55.6	40.9	*	66.7	46.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	2.2	*	0.0	5.5	*	0.0	9.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	11.1	6.7	*	22.2	13.0	*	44.4	17.3	*
Open Reduction of Hip Fracture	2	0.0	9.3	*	0.0	16.9	*	0.0	21.5	*
Prostatectomy	5	0.0	2.2	*	40.0	5.7	*	40.0	9.7	*
Cholecystectomy	2	0.0	1.1	*	0.0	1.7	*	0.0	2.2	*
Hysterectomy	1	0.0	0.5	*	0.0	0.8	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	42
Occupancy Rate	50
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	14
Medical Residents/Interns	0
Registered Nurses	23
Licensed Practical Nurses	11

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Cehter	No

**** Not used in calculating hospital mortality rates.**

U M W OF A UNION HOSPITAL

Medicare Provider Number: 140215

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	480	12.5	10.3	2.1	18.1	15.3	2.6	21.9	19.3	3.1
CONDITIONS:										
Acute Myocardial Infarction	15	40.0	27.2	*	46.7	30.2	*	46.7	33.6	*
Congestive Heart Failure	24	12.5	18.9	*	16.7	28.0	*	29.2	35.2	*
Pneumonia/Influenza	21	23.8	22.5	*	38.1	30.4	*	38.1	35.9	*
Chronic Obstructive Pulmonary Disease	3	33.3	14.3	*	33.3	20.5	*	33.3	25.5	*
Transient Cerebral Ischemia	9	0.0	2.8	*	11.1	6.1	*	22.2	9.7	*
Stroke	17	23.5	24.7	*	41.2	31.2	*	47.1	35.9	*
Hip Fracture	18	11.1	7.9	*	11.1	13.8	*	11.1	17.4	*
Sepsis	10	10.0	33.0	*	10.0	38.8	*	40.0	44.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.7	*	0.0	4.1	*	0.0	6.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	14.3	8.5	*	14.3	15.1	*	14.3	18.8	*
Open Reduction of Hip Fracture	6	16.7	7.8	*	16.7	14.7	*	16.7	19.1	*
Prostatectomy	2	50.0	4.5	*	50.0	12.0	*	50.0	20.5	*
Cholecystectomy	8	37.5	13.6	*	50.0	23.3	*	50.0	28.4	*
Hysterectomy	0									

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	494	12.1	10.6	3.6	16.8	15.5	3.6	19.4	19.4	4.6
CONDITIONS:										
Acute Myocardial Infarction	11	63.6	31.4	*	63.6	34.5	*	63.6	37.9	*
Congestive Heart Failure	35	14.3	17.8	*	17.1	25.7	*	25.7	32.5	*
Pneumonia/Influenza	17	41.2	17.8	*	47.1	23.9	*	47.1	28.7	*
Chronic Obstructive Pulmonary Disease	8	12.5	12.7	*	25.0	20.1	*	25.0	25.5	*
Transient Cerebral Ischemia	26	7.7	2.3	*	11.5	5.2	*	15.4	8.4	*
Stroke	20	25.0	24.3	*	30.0	30.9	*	35.0	35.4	*
Hip Fracture	15	6.7	6.3	*	13.3	11.5	*	13.3	15.0	*
Sepsis	11	27.3	29.2	*	45.5	36.0	*	54.5	41.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	4.1	*	0.0	8.3	*	0.0	12.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	16.7	5.7	*	33.3	11.0	*	33.3	14.6	*
Open Reduction of Hip Fracture	6	0.0	6.4	*	0.0	11.8	*	0.0	15.2	*
Prostatectomy	0									
Cholecystectomy	13	7.7	4.1	*	7.7	7.3	*	7.7	9.6	*
Hysterectomy	4	0.0	1.4	*	0.0	2.9	*	0.0	4.0	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

UNION COUNTY HOSPITAL

517 N Main Street
Anna, IL 62906

Medicare Provider Number: 140170

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	483	9.9	8.3	2.6	12.8	12.9	1.7	16.8	16.6	2.7
CONDITIONS:										
Acute Myocardial Infarction	1	100.0	41.8	*	100.0	46.4	*	100.0	51.1	*
Congestive Heart Failure	35	20.0	15.0	*	22.9	23.6	*	34.3	30.7	*
Pneumonia/Influenza	31	3.2	12.4	*	9.7	16.9	*	9.7	20.9	*
Chronic Obstructive Pulmonary Disease	7	14.3	7.8	*	14.3	13.9	*	14.3	19.2	*
Transient Cerebral Ischemia	14	0.0	2.2	*	0.0	4.9	*	14.3	7.9	*
Stroke	14	42.9	17.1	*	42.9	22.2	*	50.0	26.2	*
Hip Fracture	16	12.5	5.6	*	31.3	11.4	*	31.3	15.9	*
Sepsis	5	40.0	40.3	*	40.0	49.7	*	40.0	56.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	9.1	3.8	*	27.3	7.8	*	27.3	10.8	*
Open Reduction of Hip Fracture	3	33.3	7.9	*	33.3	16.7	*	33.3	23.8	*
Prostatectomy	29	0.0	1.1	*	3.4	2.6	*	3.4	4.2	*
Cholecystectomy	12	0.0	3.0	*	0.0	6.0	*	0.0	8.4	*
Hysterectomy	1	0.0	0.6	*	0.0	1.0	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	100
Occupancy Rate	78
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	13
Percent of Physicians Board Certified Specialists	54
Medical Residents/Interns	0
Registered Nurses	35
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

UNION COUNTY HOSPITAL

Medicare Provider Number: 140170

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	486	12.8	9.1	2.3	16.7	14.1	2.2	20.6	18.1	2.3
CONDITIONS:										
Acute Myocardial Infarction	8	37.5	33.7	*	37.5	37.2	*	37.5	41.0	*
Congestive Heart Failure	36	36.1	14.5	*	41.7	22.9	*	44.4	29.8	*
Pneumonia/Influenza	33	18.2	13.9	*	27.3	19.4	*	30.3	23.9	*
Chronic Obstructive Pulmonary Disease	7	0.0	5.1	*	14.3	9.8	*	28.6	13.8	*
Transient Cerebral Ischemia	18	5.6	1.7	*	5.6	3.7	*	5.6	5.8	*
Stroke	26	38.5	20.8	*	42.3	28.2	*	42.3	33.1	*
Hip Fracture	13	0.0	4.3	*	0.0	8.4	*	7.7	11.4	*
Sepsis	6	50.0	39.8	*	50.0	47.0	*	66.7	54.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	3.5	*	0.0	6.8	*	0.0	9.2	*
Open Reduction of Hip Fracture	4	0.0	4.5	*	0.0	9.5	*	25.0	13.4	*
Prostatectomy	19	0.0	0.8	*	5.3	1.9	*	5.3	3.3	*
Cholecystectomy	12	0.0	2.9	*	8.3	5.8	*	8.3	8.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	489	7.4	7.6	3.2	12.7	11.6	4.7	16.0	15.0	3.3
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	31.3	*	33.3	34.7	*	33.3	38.7	*
Congestive Heart Failure	22	13.6	14.6	*	22.7	22.6	*	36.4	29.5	*
Pneumonia/Influenza	44	18.2	15.1	*	25.0	20.7	*	29.5	25.2	*
Chronic Obstructive Pulmonary Disease	8	0.0	8.7	*	12.5	15.2	*	37.5	20.2	*
Transient Cerebral Ischemia	12	0.0	2.5	*	8.3	5.8	*	8.3	9.4	*
Stroke	17	35.3	20.4	*	47.1	26.3	*	52.9	31.1	*
Hip Fracture	22	0.0	3.7	*	9.1	7.4	*	9.1	10.2	*
Sepsis	6	50.0	27.5	*	83.3	32.8	*	83.3	38.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	3.6	*	12.5	7.8	*	12.5	11.1	*
Open Reduction of Hip Fracture	13	0.0	3.2	*	7.7	6.4	*	7.7	8.9	*
Prostatectomy	16	0.0	1.2	*	0.0	2.8	*	0.0	4.5	*
Cholecystectomy	8	0.0	1.2	*	12.5	2.1	*	25.0	2.7	*
Hysterectomy	4	0.0	0.6	*	0.0	1.1	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

UNITED MEDICAL CENTER WEST

501 10th Ave
Moline, IL 61265

Medicare Provider Number: 140123

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,580	10.7	9.8	1.1	17.6	15.5	2.2	21.7	19.9	1.8
CONDITIONS:										
Acute Myocardial Infarction	33	39.4	26.9	*	48.5	30.0	*	51.5	33.7	*
Congestive Heart Failure	57	14.0	15.8	5.4	26.3	25.4	5.9	35.1	33.1	6.5
Pneumonia/Influenza	80	17.5	14.4	6.4	25.0	19.6	8.3	30.0	24.0	10.2
Chronic Obstructive Pulmonary Disease	11	9.1	7.0	*	9.1	12.1	*	18.2	16.8	*
Transient Cerebral Ischemia	30	0.0	1.9	*	0.0	4.2	*	0.0	6.5	*
Stroke	44	15.9	23.0	*	29.5	29.6	*	31.8	34.3	*
Hip Fracture	35	2.9	5.6	*	5.7	10.3	*	11.4	13.6	*
Sepsis	10	60.0	29.8	*	70.0	39.2	*	70.0	45.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.0	*	0.0	2.3	*	0.0	3.6	*
Carotid Endarterectomy	16	0.0	1.4	*	6.3	2.7	*	6.3	4.1	*
Hip Replacement/Reconstruction	44	2.3	2.4	*	6.8	4.7	*	6.8	6.5	*
Open Reduction of Hip Fracture	16	0.0	5.1	*	6.3	9.8	*	6.3	12.9	*
Prostatectomy	52	1.9	0.9	1.4	3.8	2.2	2.6	7.7	3.6	4.2
Cholecystectomy	48	0.0	3.0	*	0.0	5.3	*	4.2	7.0	*
Hysterectomy	26	0.0	0.6	*	0.0	1.2	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	354
Occupancy Rate	54
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	148
Percent of Physicians Board Certified Specialists	66
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

UNITED MEDICAL CENTER WEST

Medicare Provider Number: 140123

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,634	12.9	10.2	1.5	18.4	16.0	1.4	22.3	20.5	1.3
CONDITIONS:										
Acute Myocardial Infarction	46	32.6	27.5	*	39.1	30.6	*	41.3	34.3	*
Congestive Heart Failure	72	18.1	16.5	4.7	23.6	25.2	6.1	31.9	32.3	5.8
Pneumonia/Influenza	73	34.2	21.4	7.1	38.4	29.0	6.5	41.1	34.6	7.3
Chronic Obstructive Pulmonary Disease	16	25.0	11.1	*	37.5	18.7	*	56.3	24.5	*
Transient Cerebral Ischemia	41	0.0	1.9	*	0.0	4.1	*	4.9	6.4	*
Stroke	49	34.7	21.5	*	42.9	28.1	*	44.9	32.8	*
Hip Fracture	41	2.4	6.1	*	14.6	11.1	*	17.1	14.4	*
Sepsis	7	28.6	27.9	*	28.6	35.0	*	28.6	41.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	10.1	*	20.0	14.7	*	20.0	18.4	*
Carotid Endarterectomy	13	0.0	1.8	*	0.0	3.6	*	0.0	5.3	*
Hip Replacement/Reconstruction	37	2.7	3.1	*	5.4	5.7	*	5.4	7.6	*
Open Reduction of Hip Fracture	16	6.3	5.7	*	12.5	10.8	*	12.5	14.3	*
Prostatectomy	52	3.8	1.2	2.7	5.8	2.9	3.3	5.8	4.8	3.3
Cholecystectomy	40	5.0	4.9	*	12.5	8.4	*	15.0	10.6	*
Hysterectomy	12	0.0	0.4	*	0.0	0.9	*	0.0	1.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,660	11.5	10.5	3.0	17.7	16.3	4.3	22.8	20.8	4.9
CONDITIONS:										
Acute Myocardial Infarction	48	29.2	30.6	*	29.2	34.0	*	29.2	38.1	*
Congestive Heart Failure	65	29.2	17.5	8.2	36.9	26.8	9.4	44.6	34.2	9.5
Pneumonia/Influenza	86	16.3	16.3	4.0	26.7	22.2	4.9	37.2	27.1	6.7
Chronic Obstructive Pulmonary Disease	20	10.0	13.3	*	20.0	22.0	*	35.0	28.4	*
Transient Cerebral Ischemia	45	2.2	1.8	*	2.2	3.8	*	2.2	5.9	*
Stroke	52	23.1	22.7	10.1	32.7	28.9	8.0	34.6	33.6	6.8
Hip Fracture	31	6.5	6.1	*	6.5	11.7	*	19.4	15.7	*
Sepsis	23	26.1	24.7	*	43.5	33.6	*	52.2	40.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	4.1	*	0.0	7.9	*	0.0	11.4	*
Carotid Endarterectomy	9	0.0	1.7	*	0.0	3.2	*	0.0	4.7	*
Hip Replacement/Reconstruction	25	4.0	2.5	*	8.0	4.9	*	16.0	6.8	*
Open Reduction of Hip Fracture	14	0.0	4.7	*	0.0	9.8	*	14.3	13.9	*
Prostatectomy	51	3.9	1.3	2.8	5.9	3.3	3.3	5.9	5.6	3.4
Cholecystectomy	29	6.9	5.3	*	13.8	8.8	*	13.8	10.9	*
Hysterectomy	15	0.0	1.0	*	6.7	1.8	*	6.7	2.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

431.1

UNITED
MEDICAL CENTER

501 Tenth Avenue • Moline, IL 61265
309-757-3131

United Medical Center
Medical Provider Number: 140123
Moline Public Hospital
Medicare Provider Number: 140204

January 14, 1991

Health-Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Gentlemen:

Thank you for affording our institution the opportunity to comment upon the 1987, 1988 and 1989 medicare hospital mortality rates for United Medical Center (1989 data) and its predecessors, Moline Public Hospital and Lutheran Hospital (1987 and 1988 data). Be advised that we applaud and support the Healthcare Financing Administration's desire to promote the highest quality of care, and will do everything possible to insure the public's receipt of accurate, representative data on our institution. It is for the latter that this letter is being forwarded to you.

Upon review of the mortality data collected for the periods October 1 - September 30, 1987, 1988 and 1989, we have essentially the same concerns with the data collected by your organization that we expressed in our October 20, 1989, letter to you regarding the '87 and '88 mortality data for Moline Public and Lutheran Hospital.

Concern 1: Our random chart review indicates HCFA data errors.

Concern 2: HCFA's mortality ranges and cases are numerically different.

Concern 3: Diagnostic categories appear to have been reduced.

Concern 4: The mortality rate data supplied by HCFA for fiscal year 1989 is not statistically valid since two sets of data pertaining to one institution were supplied (one set for Moline Public Hospital and one set for United Medical Center West). Moline Public Hospital and Lutheran Hospital consolidated on January 1, 1989,

Mrs. Sandra Kappert
Page two
January 14, 1991

United Medical Center
Medicare Provider Number: 140123
Moline Public Hospital
Medicare Provider Number: 140204

to become United Medical Center. The confusion that HCFA must have experienced when compiling fiscal year '89 information on this consolidated institution (October 1 - December 31, 1988 data on the institution's predecessors and January 1 - September 30, 1989 data on United Medical Center) is regrettable, understandable, non-representative and very apparent.

Finally, analysis of mortality data is only one factor of many patient care variables impacting the evaluation of health care outcomes and must never be used as the solitary tool to assess the quality of care offered by any provider.

Sincerely,

Barbara

Barbara Philibert, RN, PhD
Chief Operating Officer

BP:pml

UNITED SAMARITANS MEDICAL CENTER-SAGER

600 Sager
Danville, IL 61832

Medicare Provider Number: 140093

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,467	9.9	9.3	0.8	15.5	14.2	1.4	19.3	18.1	1.3
CONDITIONS:										
Acute Myocardial Infarction	60	30.0	27.2	6.0	36.7	30.4	7.2	43.3	33.9	9.3
Congestive Heart Failure	146	13.0	15.0	3.7	25.3	23.1	4.0	29.5	29.8	3.8
Pneumonia/Influenza	160	16.9	16.5	3.4	26.2	22.6	4.5	30.0	27.3	5.6
Chronic Obstructive Pulmonary Disease	33	6.1	6.9	*	12.1	12.0	*	15.2	16.5	*
Transient Cerebral Ischemia	48	2.1	1.7	*	2.1	3.7	*	2.1	6.1	*
Stroke	99	23.2	20.9	4.2	26.3	26.9	4.6	28.3	31.3	4.8
Hip Fracture	71	8.5	6.2	4.0	12.7	11.3	5.0	15.5	14.8	4.4
Sepsis	26	50.0	32.0	*	69.2	39.6	*	73.1	45.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	19	0.0	5.5	*	5.3	9.0	*	10.5	12.1	*
Carotid Endarterectomy	8	0.0	1.2	*	0.0	2.2	*	0.0	3.3	*
Hip Replacement/Reconstruction	45	6.7	4.9	*	13.3	9.4	*	20.0	12.9	*
Open Reduction of Hip Fracture	30	6.7	5.7	*	6.7	10.7	*	10.0	14.2	*
Prostatectomy	51	2.0	1.3	1.7	2.0	3.2	2.7	2.0	5.5	4.2
Cholecystectomy	59	5.1	2.9	2.6	8.5	5.5	3.9	13.6	7.3	5.9
Hysterectomy	21	0.0	1.1	*	4.8	2.3	*	4.8	3.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	320
Occupancy Rate	55
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	116
Percent of Physicians Board Certified Specialists	74
Medical Residents/Interns	0
Registered Nurses	178
Licensed Practical Nurses	93

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

UNITED SAMARITANS MEDICAL CENTER-SAGER

Medicare Provider Number: 140093

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,604	10.4	8.7	1.3	14.8	13.3	1.3	18.1	16.9	1.3
CONDITIONS:										
Acute Myocardial Infarction	51	35.3	24.0	9.4	41.2	27.3	10.4	45.1	30.8	11.6
Congestive Heart Failure	97	14.4	16.0	4.1	18.6	24.2	5.7	24.7	30.9	6.5
Pneumonia/Influenza	94	12.8	16.9	6.5	20.2	22.9	4.8	26.6	27.6	4.7
Chronic Obstructive Pulmonary Disease	19	15.8	11.6	*	21.1	19.1	*	31.6	24.7	*
Transient Cerebral Ischemia	33	0.0	1.9	*	6.1	4.3	*	6.1	6.9	*
Stroke	71	23.9	22.1	5.6	32.4	28.3	7.3	35.2	32.9	5.9
Hip Fracture	45	2.2	5.6	*	2.2	10.4	*	2.2	13.6	*
Sepsis	9	44.4	29.5	*	55.6	37.4	*	55.6	44.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.7	*	0.0	4.7	*	0.0	6.8	*
Carotid Endarterectomy	1	0.0	0.8	*	0.0	1.4	*	0.0	2.0	*
Hip Replacement/Reconstruction	20	0.0	3.3	*	0.0	6.4	*	0.0	8.6	*
Open Reduction of Hip Fracture	3	0.0	4.4	*	0.0	8.9	*	0.0	12.2	*
Prostatectomy	42	0.0	2.1	*	2.4	4.3	*	2.4	6.2	*
Cholecystectomy	26	3.8	3.7	*	3.8	6.7	*	3.8	8.4	*
Hysterectomy	9	11.1	2.5	*	11.1	5.1	*	11.1	7.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,496	10.9	8.2	4.4	14.0	12.5	3.7	17.8	16.0	4.0
CONDITIONS:										
Acute Myocardial Infarction	48	31.2	24.8	*	35.4	28.2	*	41.7	32.0	*
Congestive Heart Failure	90	18.9	14.9	8.3	28.9	22.7	7.4	34.4	29.3	6.5
Pneumonia/Influenza	80	22.5	17.8	7.4	27.5	23.8	8.3	33.7	28.8	8.0
Chronic Obstructive Pulmonary Disease	33	15.2	9.4	*	18.2	16.1	*	24.2	22.2	*
Transient Cerebral Ischemia	29	3.4	1.8	*	3.4	3.9	*	6.9	6.1	*
Stroke	50	40.0	21.3	*	42.0	27.2	*	50.0	31.8	*
Hip Fracture	36	0.0	5.0	*	0.0	9.4	*	2.8	12.7	*
Sepsis	7	57.1	34.4	*	57.1	42.0	*	71.4	48.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	7.7	4.4	*	15.4	7.8	*	15.4	10.7	*
Carotid Endarterectomy	6	0.0	1.4	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction	24	8.3	2.9	*	8.3	5.6	*	8.3	7.5	*
Open Reduction of Hip Fracture	7	0.0	5.0	*	0.0	10.1	*	0.0	14.0	*
Prostatectomy	47	0.0	0.8	*	0.0	2.0	*	6.4	3.4	*
Cholecystectomy	36	0.0	2.5	*	2.8	4.6	*	8.3	6.1	*
Hysterectomy	16	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

UNIVERSITY OF CHICAGO MEDICAL CENTER

5841 South Maryland
Chicago, IL 60637

Medicare Provider Number: 140088

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,470	7.4	8.7	0.8	12.8	14.2	0.8	16.8	18.5	1.0
CONDITIONS:										
Acute Myocardial Infarction	41	17.1	25.0	*	26.8	28.9	*	26.8	32.3	*
Congestive Heart Failure	99	7.1	14.1	4.8	11.1	22.0	6.0	17.2	28.5	6.6
Pneumonia/Influenza	35	14.3	14.6	*	14.3	20.0	*	17.1	24.2	*
Chronic Obstructive Pulmonary Disease	21	4.8	10.8	*	4.8	16.5	*	14.3	21.6	*
Transient Cerebral Ischemia	28	0.0	1.6	*	0.0	3.6	*	0.0	5.9	*
Stroke	70	11.4	19.4	6.6	22.9	26.0	5.7	25.7	30.3	6.4
Hip Fracture	15	0.0	6.0	*	0.0	10.8	*	0.0	14.2	*
Sepsis	23	52.2	28.6	*	65.2	41.8	*	69.6	50.0	*
PROCEDURES:										
Angioplasty	28	0.0	2.1	*	7.1	2.8	*	7.1	3.7	*
Coronary Artery Bypass Graft	45	8.9	5.8	*	17.8	8.3	*	17.8	9.7	*
Initial Pacemaker Insertion	12	0.0	2.3	*	0.0	4.7	*	0.0	7.2	*
Carotid Endarterectomy	11	9.1	1.6	*	9.1	3.0	*	9.1	4.5	*
Hip Replacement/Reconstruction	42	0.0	3.1	*	4.8	6.7	*	4.8	10.1	*
Open Reduction of Hip Fracture	5	0.0	3.5	*	0.0	6.8	*	0.0	9.1	*
Prostatectomy	47	0.0	1.1	*	2.1	2.7	*	6.4	4.4	*
Cholecystectomy	18	0.0	2.1	*	0.0	3.7	*	5.6	4.8	*
Hysterectomy	14	0.0	1.9	*	7.1	4.3	*	14.3	6.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	560
Occupancy Rate	81
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	553
Percent of Physicians Board Certified Specialists	82
Medical Residents/Interns	529
Registered Nurses	790
Licensed Practical Nurses	68

SPECIALTY SERVICES:

Burn Unit	Yes
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

UNIVERSITY OF CHICAGO MEDICAL CENTER

Medicare Provider Number: 140088

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,499	8.3	9.6	0.8	14.2	15.2	1.0	18.4	19.4	1.1
CONDITIONS:										
Acute Myocardial Infarction	49	22.4	26.3	*	26.5	29.2	*	34.7	32.5	*
Congestive Heart Failure	101	7.9	15.1	5.7	16.8	23.2	5.6	26.7	30.0	5.5
Pneumonia/Influenza	48	8.3	17.7	*	16.7	24.5	*	18.8	29.4	*
Chronic Obstructive Pulmonary Disease	9	0.0	8.7	*	33.3	16.1	*	44.4	22.4	*
Transient Cerebral Ischemia	25	0.0	2.4	*	0.0	5.4	*	0.0	8.6	*
Stroke	63	14.3	25.1	7.7	20.6	32.1	7.7	30.2	36.8	6.8
Hip Fracture	22	4.5	7.5	*	9.1	13.4	*	9.1	17.0	*
Sepsis	26	50.0	31.0	*	76.9	39.6	*	76.9	46.0	*
PROCEDURES:										
Angioplasty	26	0.0	4.2	*	3.8	5.7	*	3.8	7.2	*
Coronary Artery Bypass Graft	36	16.7	8.3	*	19.4	11.4	*	19.4	13.2	*
Initial Pacemaker Insertion	14	0.0	4.7	*	0.0	8.6	*	0.0	12.4	*
Carotid Endarterectomy	4	0.0	1.8	*	0.0	3.3	*	0.0	4.9	*
Hip Replacement/Reconstruction	35	2.9	2.4	*	5.7	4.3	*	5.7	5.7	*
Open Reduction of Hip Fracture	6	16.7	7.3	*	16.7	13.5	*	16.7	17.4	*
Prostatectomy	49	2.0	0.8	*	2.0	2.0	*	4.1	3.4	*
Cholecystectomy	22	4.5	5.2	*	4.5	9.4	*	13.6	12.2	*
Hysterectomy	16	0.0	0.6	*	6.3	1.4	*	6.3	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,275	8.3	9.9	2.6	13.9	15.4	3.8	17.9	19.6	5.1
CONDITIONS:										
Acute Myocardial Infarction	60	18.3	29.8	9.3	33.3	33.7	12.7	35.0	37.5	6.6
Congestive Heart Failure	79	10.1	16.9	6.7	19.0	25.6	6.6	30.4	32.8	5.5
Pneumonia/Influenza	43	16.3	14.5	*	23.3	19.8	*	27.9	23.9	*
Chronic Obstructive Pulmonary Disease	7	0.0	10.9	*	14.3	16.3	*	14.3	21.0	*
Transient Cerebral Ischemia	21	9.5	2.4	*	9.5	5.1	*	9.5	7.9	*
Stroke	71	15.5	21.2	5.5	18.3	27.8	6.6	19.7	32.3	7.8
Hip Fracture	27	7.4	7.6	*	14.8	13.3	*	18.5	16.9	*
Sepsis	12	58.3	29.6	*	66.7	37.2	*	66.7	43.4	*
PROCEDURES:										
Angioplasty	10	0.0	5.6	*	20.0	6.8	*	20.0	8.2	*
Coronary Artery Bypass Graft	34	23.5	9.0	*	32.4	12.4	*	35.3	14.1	*
Initial Pacemaker Insertion	16	0.0	1.9	*	0.0	4.2	*	0.0	6.5	*
Carotid Endarterectomy	9	0.0	1.4	*	0.0	2.6	*	0.0	3.7	*
Hip Replacement/Reconstruction	32	3.1	2.9	*	6.3	5.1	*	9.4	6.5	*
Open Reduction of Hip Fracture	15	6.7	6.1	*	13.3	11.3	*	13.3	14.8	*
Prostatectomy	29	0.0	1.0	*	0.0	2.5	*	0.0	4.3	*
Cholecystectomy	27	7.4	4.5	*	7.4	8.9	*	11.1	12.2	*
Hysterectomy	16	0.0	1.3	*	6.3	2.4	*	12.5	3.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

UNIVERSITY OF ILLINOIS HOSPITAL

1740 West Taylor St
Chicago, IL 60612

Medicare Provider Number: 140150

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,134	5.4	7.5	1.4	10.0	12.1	1.7	15.4	15.7	1.2
CONDITIONS:										
Acute Myocardial Infarction	10	20.0	29.0	*	50.0	31.6	*	50.0	34.8	*
Congestive Heart Failure	48	10.4	10.9	*	14.6	17.0	*	20.8	22.5	*
Pneumonia/Influenza	23	21.7	12.0	*	21.7	16.6	*	21.7	20.4	*
Chronic Obstructive Pulmonary Disease	6	16.7	17.2	*	33.3	27.3	*	50.0	34.5	*
Transient Cerebral Ischemia	10	0.0	1.5	*	0.0	3.2	*	10.0	5.1	*
Stroke	29	6.9	16.2	*	6.9	21.7	*	13.8	25.6	*
Hip Fracture	6	0.0	7.3	*	0.0	13.1	*	50.0	16.8	*
Sepsis	11	9.1	18.2	*	27.3	24.6	*	36.4	29.5	*
PROCEDURES:										
Angioplasty	4	0.0	3.3	*	0.0	4.9	*	0.0	6.8	*
Coronary Artery Bypass Graft	10	10.0	7.3	*	30.0	10.0	*	30.0	11.4	*
Initial Pacemaker Insertion	3	0.0	3.0	*	33.3	7.5	*	33.3	12.0	*
Carotid Endarterectomy	4	0.0	1.2	*	0.0	1.9	*	0.0	2.7	*
Hip Replacement/Reconstruction	9	0.0	1.4	*	11.1	3.3	*	11.1	5.4	*
Open Reduction of Hip Fracture	3	0.0	8.3	*	0.0	15.7	*	100.0	20.4	*
Prostatectomy	16	0.0	0.7	*	0.0	1.7	*	6.3	2.8	*
Cholecystectomy	7	0.0	5.5	*	0.0	9.8	*	42.9	12.6	*
Hysterectomy	12	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	358
Occupancy Rate	72
Ownership/Control	State Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	280
Registered Nurses	571
Licensed Practical Nurses	58

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

UNIVERSITY OF ILLINOIS HOSPITAL

Medicare Provider Number: 140150

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,363	5.4	7.3	0.9	9.5	11.8	1.2	12.5	15.3	1.3
CONDITIONS:										
Acute Myocardial Infarction	17	17.6	29.5	*	17.6	32.8	*	23.5	36.5	*
Congestive Heart Failure	57	7.0	14.1	8.7	15.8	21.9	9.9	24.6	28.5	8.2
Pneumonia/Influenza	26	15.4	15.4	*	30.8	21.6	*	30.8	26.5	*
Chronic Obstructive Pulmonary Disease	17	5.9	8.3	*	5.9	14.3	*	17.6	19.4	*
Transient Cerebral Ischemia	7	14.3	1.9	*	14.3	3.7	*	14.3	5.6	*
Stroke	29	10.3	18.5	*	10.3	24.4	*	10.3	28.7	*
Hip Fracture	8	0.0	5.9	*	12.5	10.8	*	12.5	14.1	*
Sepsis	3	0.0	17.6	*	0.0	27.3	*	33.3	33.9	*
PROCEDURES:										
Angioplasty	12	8.3	5.3	*	8.3	6.8	*	8.3	8.4	*
Coronary Artery Bypass Graft	11	0.0	9.9	*	9.1	14.1	*	18.2	16.3	*
Initial Pacemaker Insertion	2	0.0	15.1	*	0.0	19.8	*	0.0	24.0	*
Carotid Endarterectomy	3	0.0	2.3	*	0.0	4.8	*	0.0	7.4	*
Hip Replacement/Reconstruction	12	0.0	1.3	*	8.3	2.6	*	8.3	3.5	*
Open Reduction of Hip Fracture	2	0.0	4.7	*	0.0	9.2	*	0.0	12.4	*
Prostatectomy	30	0.0	1.2	*	0.0	3.0	*	0.0	4.7	*
Cholecystectomy	8	0.0	1.0	*	0.0	1.8	*	0.0	2.3	*
Hysterectomy	8	0.0	0.9	*	0.0	1.8	*	12.5	2.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,405	6.3	7.5	1.2	11.0	11.7	1.1	14.1	15.1	1.3
CONDITIONS:										
Acute Myocardial Infarction	24	29.2	32.8	*	37.5	35.9	*	37.5	39.5	*
Congestive Heart Failure	53	7.5	13.2	8.1	9.4	20.4	10.5	18.9	26.8	10.9
Pneumonia/Influenza	38	5.3	14.2	*	7.9	19.3	*	13.2	23.5	*
Chronic Obstructive Pulmonary Disease	7	14.3	11.8	*	14.3	17.6	*	28.6	22.1	*
Transient Cerebral Ischemia	10	0.0	1.5	*	0.0	3.2	*	0.0	5.0	*
Stroke	44	11.4	17.6	*	15.9	23.8	*	20.5	28.0	*
Hip Fracture	8	12.5	6.3	*	12.5	10.6	*	12.5	13.5	*
Sepsis	1	0.0	29.2	*	0.0	43.1	*	100.0	49.2	*
PROCEDURES:										
Angioplasty	5	0.0	5.0	*	0.0	6.0	*	0.0	7.4	*
Coronary Artery Bypass Graft	17	17.6	9.7	*	17.6	12.7	*	17.6	14.2	*
Initial Pacemaker Insertion	7	42.9	5.6	*	42.9	10.0	*	42.9	13.7	*
Carotid Endarterectomy	6	0.0	1.6	*	0.0	2.9	*	0.0	4.2	*
Hip Replacement/Reconstruction	4	0.0	0.8	*	0.0	1.3	*	0.0	1.6	*
Open Reduction of Hip Fracture	6	16.7	6.0	*	16.7	10.4	*	16.7	13.3	*
Prostatectomy	23	0.0	1.5	*	0.0	3.7	*	4.3	6.2	*
Cholecystectomy	8	0.0	4.3	*	12.5	8.3	*	12.5	11.6	*
Hysterectomy	12	0.0	0.7	*	0.0	1.4	*	0.0	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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UIC
The University of Illinois at Chicago

Hospital Management (M/C 693)
University of Illinois Hospital and Clinics
1740 West Taylor Street, Suite 1400
Chicago, Illinois 60612
(312) 996-3900 Fax: (312) 996-7049

Medical Provider Number 140150

January 14, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

The following is provided as response to the FY 1989 Medicare Mortality Rates for the University of Illinois Hospital and Clinics.

Following a review of the data by the hospital's Medical Staff Quality Assurance Committee we feel that the only statistics which adequately reflect true hospital care is the mortality rate within 30 days. In all categories the number of cases were too small to permit satisfactory evaluation. Overall, the hospital is pleased by our statistics comparing observed to predicted rates.

Sincerely,

Donovan Riley
Hospital Director

DR:mat

US AIR FORCE HOSPITAL

Scott AFB
Belleville, IL 62225

Medicare Provider Number: 14011F

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3	33.3	37.2	*	33.3	43.9	*	66.7	52.4	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - (Year of Survey: Unknown)

Total Beds	300
Ownership/Control	Church

STAFFING:

Medical Residents/Interns	0
Registered Nurses	0
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	(Not Available)
Organ Transplant	No
Rehabilitation	(Not Available)
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

US AIR FORCE HOSPITAL

Medicare Provider Number: 14011F

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	2	0.0	47.2	*	0.0	52.6	*	0.0	59.5	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	2	100.0	61.8	*	100.0	63.4	*	100.0	64.2	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

VICTORY MEMORIAL HOSPITAL

1324 North Sheridan Road
Waukegan, IL 60085

Medicare Provider Number: 140084

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	1,934	7.6	9.0	1.3	12.8	13.9	1.2	16.3	17.8	1.4
CONDITIONS:										
Acute Myocardial Infarction	54	22.2	23.6	5.8	27.8	26.7	6.1	27.8	29.9	7.4
Congestive Heart Failure	123	12.2	13.7	3.4	21.1	21.7	6.7	24.4	28.5	8.2
Pneumonia/Influenza	97	17.5	17.3	4.9	22.7	23.5	4.4	25.8	28.4	5.3
Chronic Obstructive Pulmonary Disease	11	9.1	11.9	*	18.2	18.4	*	27.3	23.9	*
Transient Cerebral Ischemia	31	3.2	2.1	*	3.2	4.7	*	3.2	7.7	*
Stroke	79	16.5	21.0	5.2	26.6	28.1	6.4	29.1	32.7	5.8
Hip Fracture	41	12.2	7.9	*	24.4	13.8	*	31.7	17.4	*
Sepsis	26	11.5	25.5	*	19.2	34.6	*	23.1	40.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	20	5.0	3.0	*	10.0	5.9	*	15.0	8.9	*
Carotid Endarterectomy	2	0.0	1.6	*	0.0	3.0	*	0.0	4.5	*
Hip Replacement/Reconstruction	34	2.9	1.9	*	5.9	3.5	*	8.8	4.8	*
Open Reduction of Hip Fracture	14	14.3	9.5	*	28.6	17.1	*	35.7	21.7	*
Prostatectomy	58	0.0	0.8	*	0.0	1.8	*	0.0	3.1	*
Cholecystectomy	30	0.0	2.1	*	0.0	3.4	*	0.0	4.4	*
Hysterectomy	13	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	333
Occupancy Rate	54
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	109
Percent of Physicians Board Certified Specialists	77
Medical Residents/Interns	0
Registered Nurses	262
Licensed Practical Nurses	30

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

VICTORY MEMORIAL HOSPITAL

Medicare Provider Number: 140084

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,949	7.3	9.1	1.0	12.2	13.8	1.0	15.5	17.5	1.2
CONDITIONS:										
Acute Myocardial Infarction	65	35.4	28.5	6.8	40.0	32.0	8.0	43.1	35.5	7.9
Congestive Heart Failure	86	11.6	15.7	5.1	25.6	24.1	5.3	33.7	30.9	6.6
Pneumonia/Influenza	76	10.5	16.4	6.1	18.4	21.9	6.1	19.7	26.3	5.9
Chronic Obstructive Pulmonary Disease	16	0.0	8.2	*	25.0	14.6	*	31.3	19.9	*
Transient Cerebral Ischemia	48	2.1	1.7	*	4.2	3.8	*	10.4	6.0	*
Stroke	86	16.3	20.8	5.4	19.8	27.8	7.6	23.3	32.5	8.6
Hip Fracture	28	3.6	8.9	*	7.1	15.2	*	10.7	18.9	*
Sepsis	21	14.3	25.9	*	19.0	33.7	*	23.8	39.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	20	0.0	4.7	*	5.0	8.3	*	5.0	12.0	*
Carotid Endarterectomy	3	0.0	0.9	*	0.0	1.6	*	0.0	2.3	*
Hip Replacement/Reconstruction	23	0.0	2.9	*	0.0	5.3	*	0.0	6.7	*
Open Reduction of Hip Fracture	10	0.0	8.2	*	0.0	14.9	*	0.0	18.7	*
Prostatectomy	54	0.0	1.7	2.2	1.9	3.5	3.2	3.7	5.4	4.0
Cholecystectomy	33	3.0	4.0	*	6.1	7.1	*	6.1	9.2	*
Hysterectomy	12	0.0	0.5	*	0.0	1.0	*	8.3	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,822	8.7	9.4	1.9	13.4	14.2	1.3	17.1	18.0	1.2
CONDITIONS:										
Acute Myocardial Infarction	55	32.7	28.3	7.9	36.4	31.7	8.6	40.0	35.0	9.3
Congestive Heart Failure	111	17.1	16.9	3.6	18.0	25.4	5.3	25.2	32.3	5.2
Pneumonia/Influenza	76	21.1	17.7	6.0	27.6	23.8	7.8	30.3	28.7	5.8
Chronic Obstructive Pulmonary Disease	14	0.0	8.6	*	0.0	14.7	*	7.1	19.8	*
Transient Cerebral Ischemia	45	0.0	1.9	*	4.4	4.0	*	8.9	6.3	*
Stroke	43	25.6	22.1	*	25.6	28.9	*	27.9	33.4	*
Hip Fracture	46	8.7	8.2	*	15.2	14.1	*	17.4	17.7	*
Sepsis	18	11.1	29.4	*	16.7	38.0	*	33.3	43.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	14	7.1	4.3	*	7.1	8.9	*	7.1	12.9	*
Carotid Endarterectomy	2	0.0	1.9	*	0.0	3.4	*	0.0	4.7	*
Hip Replacement/Reconstruction	35	0.0	4.5	*	2.9	8.1	*	2.9	10.7	*
Open Reduction of Hip Fracture	15	6.7	5.9	*	20.0	10.7	*	26.7	13.7	*
Prostatectomy	53	1.9	1.4	1.7	1.9	3.3	3.0	5.7	5.4	3.5
Cholecystectomy	28	3.6	3.2	*	3.6	5.2	*	7.1	6.6	*
Hysterectomy	13	0.0	0.5	*	0.0	1.0	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WABASH GENERAL HOSPITAL DISTRICT

1418 College Dr
Mount Carmel, IL 62863

Medicare Provider Number: 140129

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	500	12.4	10.9	2.7	16.8	15.9	2.8	20.8	19.8	2.2
CONDITIONS:										
Acute Myocardial Infarction	15	33.3	28.1	*	40.0	31.1	*	40.0	34.3	*
Congestive Heart Failure	36	22.2	16.3	*	30.6	24.7	*	38.9	31.5	*
Pneumonia/Influenza	52	17.3	17.8	5.8	26.9	23.9	8.8	32.7	28.9	8.8
Chronic Obstructive Pulmonary Disease	24	4.2	3.6	*	4.2	6.9	*	4.2	10.0	*
Transient Cerebral Ischemia	10	0.0	1.4	*	0.0	3.0	*	10.0	4.7	*
Stroke	22	13.6	16.7	*	13.6	23.6	*	27.3	28.0	*
Hip Fracture	3	33.3	6.7	*	33.3	11.5	*	33.3	14.6	*
Sepsis	14	35.7	26.2	*	35.7	32.4	*	35.7	37.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	7.9	*	0.0	15.1	*	0.0	19.9	*
Open Reduction of Hip Fracture	1	100.0	3.9	*	100.0	7.2	*	100.0	9.5	*
Prostatectomy	0									
Cholecystectomy	2	0.0	1.2	*	0.0	1.9	*	0.0	2.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	64
Occupancy Rate	38
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	9
Medical Residents/Interns	0
Registered Nurses	38
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WABASH GENERAL HOSPITAL DISTRICT

Medicare Provider Number: 140129

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	479	9.4	10.9	1.9	16.3	16.2	1.7	19.2	20.3	2.1
CONDITIONS:										
Acute Myocardial Infarction	11	36.4	39.0	*	36.4	44.8	*	45.5	49.1	*
Congestive Heart Failure	37	18.9	16.8	*	24.3	25.4	*	32.4	32.5	*
Pneumonia/Influenza	37	13.5	19.7	*	21.6	26.2	*	27.0	30.9	*
Chronic Obstructive Pulmonary Disease	19	0.0	5.7	*	0.0	10.6	*	10.5	15.2	*
Transient Cerebral Ischemia	7	0.0	2.6	*	0.0	5.7	*	0.0	8.9	*
Stroke	22	22.7	19.2	*	40.9	25.9	*	50.0	30.4	*
Hip Fracture	4	50.0	11.2	*	50.0	20.6	*	50.0	26.3	*
Sepsis	10	30.0	22.2	*	40.0	28.3	*	40.0	33.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	33.3	11.5	*	33.3	22.2	*	33.3	29.1	*
Prostatectomy	0									
Cholecystectomy	6	0.0	3.7	*	0.0	7.0	*	0.0	9.6	*
Hysterectomy	5	0.0	0.9	*	0.0	2.1	*	0.0	3.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	463	13.2	10.0	3.1	16.6	15.2	3.0	18.1	19.3	4.1
CONDITIONS:										
Acute Myocardial Infarction	16	12.5	22.7	*	12.5	26.7	*	18.8	30.5	*
Congestive Heart Failure	31	9.7	16.3	*	16.1	24.3	*	19.4	31.2	*
Pneumonia/Influenza	23	13.0	15.4	*	21.7	21.0	*	21.7	25.3	*
Chronic Obstructive Pulmonary Disease	12	16.7	12.7	*	33.3	21.0	*	33.3	26.9	*
Transient Cerebral Ischemia	4	0.0	1.5	*	0.0	3.1	*	0.0	4.8	*
Stroke	19	26.3	21.8	*	36.8	29.6	*	36.8	34.2	*
Hip Fracture	0									
Sepsis	19	36.8	21.8	*	36.8	29.6	*	36.8	35.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	7	14.3	2.9	*	14.3	4.9	*	14.3	6.1	*
Hysterectomy	3	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WASHINGTON COUNTY HOSPITAL

603 S Grand
Nashville, IL 62263

Medicare Provider Number: 140069

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	309	18.8	11.7	4.9	23.6	17.2	3.2	26.5	21.5	2.9
CONDITIONS:										
Acute Myocardial Infarction	16	31.3	28.8	*	31.3	31.9	*	31.3	35.2	*
Congestive Heart Failure	28	39.3	17.0	*	46.4	26.3	*	60.7	33.5	*
Pneumonia/Influenza	22	40.9	23.0	*	45.5	31.8	*	45.5	37.9	*
Chronic Obstructive Pulmonary Disease	2	0.0	3.5	*	0.0	7.0	*	0.0	10.3	*
Transient Cerebral Ischemia	8	0.0	2.3	*	0.0	5.2	*	0.0	8.3	*
Stroke	14	71.4	32.6	*	78.6	42.1	*	78.6	47.7	*
Hip Fracture	9	0.0	8.9	*	11.1	15.7	*	22.2	20.2	*
Sepsis	1	0.0	21.2	*	0.0	33.0	*	0.0	42.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	7.9	*	0.0	13.6	*	33.3	17.5	*
Open Reduction of Hip Fracture	6	0.0	8.0	*	16.7	15.2	*	16.7	20.1	*
Prostatectomy	5	0.0	1.0	*	0.0	2.7	*	0.0	4.7	*
Cholecystectomy	1	0.0	3.0	*	0.0	4.1	*	0.0	4.8	*
Hysterectomy	4	0.0	0.8	*	0.0	1.9	*	0.0	3.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	68
Occupancy Rate	15
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	19
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WASHINGTON COUNTY HOSPITAL

Medicare Provider Number: 140069

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	332	15.1	11.8	3.4	21.4	17.6	4.0	24.1	22.0	3.9
CONDITIONS:										
Acute Myocardial Infarction	20	25.0	29.1	*	35.0	33.8	*	40.0	38.0	*
Congestive Heart Failure	29	24.1	19.5	*	34.5	30.4	*	37.9	38.6	*
Pneumonia/Influenza	18	38.9	25.2	*	50.0	34.2	*	55.6	40.5	*
Chronic Obstructive Pulmonary Disease	9	0.0	4.4	*	11.1	8.5	*	11.1	12.2	*
Transient Cerebral Ischemia	4	0.0	1.4	*	0.0	3.2	*	0.0	5.0	*
Stroke	26	42.3	24.9	*	46.2	33.0	*	46.2	38.4	*
Hip Fracture	3	0.0	6.1	*	0.0	10.8	*	0.0	14.1	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	3.1	*	0.0	5.8	*	0.0	7.7	*
Open Reduction of Hip Fracture	0									
Prostatectomy	7	0.0	1.1	*	0.0	2.8	*	0.0	4.7	*
Cholecystectomy	6	0.0	2.5	*	16.7	4.0	*	16.7	4.9	*
Hysterectomy	1	0.0	0.0	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	352	12.8	11.4	4.0	17.9	17.6	2.8	22.7	22.1	2.3
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	26.0	*	40.0	31.7	*	50.0	35.7	*
Congestive Heart Failure	25	24.0	18.9	*	28.0	29.4	*	36.0	37.2	*
Pneumonia/Influenza	32	28.1	23.3	*	31.3	31.1	*	31.3	37.1	*
Chronic Obstructive Pulmonary Disease	3	33.3	8.3	*	33.3	16.1	*	33.3	22.8	*
Transient Cerebral Ischemia	9	0.0	1.8	*	0.0	3.7	*	11.1	5.7	*
Stroke	19	26.3	21.6	*	31.6	28.7	*	36.8	33.5	*
Hip Fracture	11	0.0	8.1	*	0.0	14.4	*	0.0	18.2	*
Sepsis	1	100.0	51.9	*	100.0	64.7	*	100.0	71.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	8.9	*	0.0	15.7	*	0.0	19.5	*
Open Reduction of Hip Fracture	7	0.0	7.2	*	0.0	13.3	*	0.0	17.2	*
Prostatectomy	3	0.0	1.6	*	0.0	4.3	*	33.3	7.8	*
Cholecystectomy	1	0.0	0.7	*	0.0	1.5	*	0.0	2.0	*
Hysterectomy	1	0.0	2.2	*	0.0	5.2	*	0.0	8.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WEST SUBURBAN HOSPITAL MEDICAL CENTER

Erie at Austin Boulevard
Oak Park, IL 60302

Medicare Provider Number: 140049

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,143	9.2	9.1	0.7	13.8	14.1	1.0	18.5	17.9	1.1
CONDITIONS:										
Acute Myocardial Infarction	61	19.7	23.3	6.9	26.2	26.6	6.4	31.1	29.9	6.2
Congestive Heart Failure	120	10.8	15.1	5.3	17.5	23.4	6.8	25.8	30.2	5.9
Pneumonia/Influenza	77	11.7	16.0	4.7	13.0	21.4	6.3	22.1	25.9	5.5
Chronic Obstructive Pulmonary Disease	28	10.7	7.8	*	14.3	13.5	*	28.6	18.6	*
Transient Cerebral Ischemia	25	0.0	1.7	*	4.0	3.6	*	4.0	5.8	*
Stroke	98	15.3	19.4	6.7	19.4	26.3	9.0	25.5	30.6	8.3
Hip Fracture	60	5.0	6.9	4.2	6.7	12.1	6.5	13.3	15.5	5.4
Sepsis	41	34.1	29.3	*	43.9	36.9	*	53.7	42.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	15.4	4.6	*	23.1	8.8	*	30.8	12.5	*
Carotid Endarterectomy	2	0.0	1.2	*	0.0	2.2	*	0.0	3.2	*
Hip Replacement/Reconstruction	69	1.4	3.7	2.7	4.3	6.7	3.7	4.3	8.9	4.6
Open Reduction of Hip Fracture	26	7.7	6.4	*	7.7	11.8	*	23.1	15.4	*
Prostatectomy	86	2.3	1.3	1.4	7.0	3.2	3.0	10.5	5.5	4.7
Cholecystectomy	48	8.3	4.2	*	12.5	7.2	*	12.5	9.1	*
Hysterectomy	23	0.0	1.1	*	0.0	2.4	*	4.3	3.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	370
Occupancy Rate	44
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	204
Percent of Physicians Board Certified Specialists	92
Medical Residents/Interns	44
Registered Nurses	290
Licensed Practical Nurses	17

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WEST SUBURBAN HOSPITAL MEDICAL CENTER

Medicare Provider Number: 140049

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,249	7.6	10.3	1.1	13.8	15.6	1.0	18.8	19.7	0.9
CONDITIONS:										
Acute Myocardial Infarction	59	25.4	29.0	6.3	33.9	32.6	6.2	37.3	36.2	6.3
Congestive Heart Failure	138	10.9	16.7	4.6	24.6	25.4	4.0	31.9	32.5	4.0
Pneumonia/Influenza	84	16.7	19.8	6.6	22.6	26.5	5.9	31.0	31.5	5.3
Chronic Obstructive Pulmonary Disease	24	0.0	7.2	*	8.3	12.8	*	16.7	17.6	*
Transient Cerebral Ischemia	25	0.0	1.8	*	0.0	3.9	*	8.0	6.3	*
Stroke	105	15.2	22.8	7.0	23.8	30.5	8.4	29.5	35.3	7.2
Hip Fracture	61	9.8	8.2	3.8	16.4	14.7	6.4	24.6	18.7	9.1
Sepsis	32	28.1	33.0	*	37.5	40.7	*	50.0	46.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	8.3	6.7	*	8.3	10.8	*	16.7	13.7	*
Carotid Endarterectomy	2	0.0	1.2	*	0.0	2.1	*	0.0	3.1	*
Hip Replacement/Reconstruction	68	7.4	4.0	3.7	11.8	7.3	6.1	14.7	9.5	7.2
Open Reduction of Hip Fracture	23	4.3	7.4	*	13.0	13.8	*	21.7	17.6	*
Prostatectomy	100	3.0	1.3	1.8	5.0	3.0	3.1	8.0	5.0	5.2
Cholecystectomy	51	5.9	3.8	3.5	5.9	6.7	3.7	5.9	8.5	4.5
Hysterectomy	15	0.0	0.7	*	6.7	1.5	*	13.3	2.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,330	8.5	10.0	1.5	14.8	15.1	0.9	19.0	19.0	1.3
CONDITIONS:										
Acute Myocardial Infarction	53	26.4	28.9	6.7	34.0	32.8	7.4	35.8	36.3	7.6
Congestive Heart Failure	125	15.2	17.2	3.7	27.2	25.7	4.7	32.0	32.6	4.5
Pneumonia/Influenza	79	17.7	20.1	4.7	27.8	26.1	5.1	31.6	30.8	5.9
Chronic Obstructive Pulmonary Disease	18	0.0	8.8	*	5.6	14.4	*	11.1	19.0	*
Transient Cerebral Ischemia	20	0.0	1.9	*	0.0	4.0	*	10.0	6.3	*
Stroke	98	16.3	22.7	7.8	26.5	30.0	7.3	29.6	34.5	7.4
Hip Fracture	64	4.7	7.7	4.1	15.6	13.4	4.6	20.3	17.0	6.3
Sepsis	41	26.8	36.3	*	36.6	45.4	*	46.3	51.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	24	4.2	3.3	*	4.2	6.7	*	8.3	9.8	*
Carotid Endarterectomy	9	0.0	1.3	*	0.0	2.3	*	0.0	3.3	*
Hip Replacement/Reconstruction	60	5.0	3.5	2.9	10.0	6.6	5.8	13.3	8.8	7.9
Open Reduction of Hip Fracture	28	3.6	6.7	*	14.3	12.5	*	17.9	16.4	*
Prostatectomy	110	1.8	1.2	1.3	3.6	2.9	2.4	7.3	4.8	3.6
Cholecystectomy	52	3.8	4.4	2.9	9.6	7.7	4.3	13.5	10.1	6.8
Hysterectomy	15	6.7	1.4	*	13.3	2.5	*	13.3	3.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WESTLAKE COMMUNITY HOSPITAL

1225 Superior St
Melrose Park, IL 60160

Medicare Provider Number: 140240

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,608	8.8	9.4	0.9	14.2	14.3	0.9	17.8	18.2	1.0
CONDITIONS:										
Acute Myocardial Infarction	47	25.5	29.4	*	31.9	33.2	*	38.3	36.7	*
Congestive Heart Failure	105	15.2	14.2	4.6	25.7	21.7	5.0	26.7	28.2	4.8
Pneumonia/Influenza	46	6.5	18.1	*	17.4	24.3	*	19.6	29.3	*
Chronic Obstructive Pulmonary Disease	12	0.0	5.8	*	8.3	10.2	*	16.7	14.3	*
Transient Cerebral Ischemia	43	0.0	1.9	*	2.3	4.1	*	4.7	6.5	*
Stroke	67	14.9	20.7	5.7	23.9	27.4	6.8	34.3	32.0	7.0
Hip Fracture	27	3.7	7.5	*	14.8	13.7	*	22.2	18.0	*
Sepsis	32	21.9	29.8	*	37.5	39.0	*	43.8	45.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	12.5	4.9	*	12.5	9.8	*	12.5	14.6	*
Carotid Endarterectomy	2	0.0	2.3	*	0.0	4.2	*	0.0	6.2	*
Hip Replacement/Reconstruction	26	3.8	4.0	*	7.7	8.2	*	19.2	11.7	*
Open Reduction of Hip Fracture	14	7.1	6.5	*	28.6	12.1	*	28.6	15.9	*
Prostatectomy	31	0.0	1.1	*	0.0	2.5	*	0.0	4.1	*
Cholecystectomy	38	0.0	3.7	*	5.3	6.7	*	7.9	8.6	*
Hysterectomy	10	0.0	0.6	*	0.0	1.2	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	288
Occupancy Rate	67
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	264
Percent of Physicians Board Certified Specialists	63
Medical Residents/Interns	0
Registered Nurses	281
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WESTLAKE COMMUNITY HOSPITAL

Medicare Provider Number: 140240

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,632	8.1	9.3	1.0	13.6	14.2	0.9	17.4	18.0	1.0
CONDITIONS:										
Acute Myocardial Infarction	50	24.0	24.5	*	32.0	28.1	*	36.0	31.7	*
Congestive Heart Failure	88	11.4	16.8	5.1	18.2	25.5	6.7	25.0	32.6	6.5
Pneumonia/Influenza	43	11.6	16.5	*	16.3	22.2	*	23.3	26.6	*
Chronic Obstructive Pulmonary Disease	8	12.5	4.9	*	12.5	8.3	*	12.5	11.4	*
Transient Cerebral Ischemia	35	0.0	2.1	*	2.9	4.5	*	5.7	7.0	*
Stroke	62	11.3	20.3	8.2	17.7	27.2	9.2	21.0	31.8	10.7
Hip Fracture	29	0.0	6.9	*	6.9	12.5	*	13.8	16.2	*
Sepsis	26	30.8	34.5	*	38.5	43.3	*	46.2	49.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	0.0	7.7	*	8.3	11.4	*	8.3	14.6	*
Carotid Endarterectomy	4	0.0	2.6	*	0.0	5.6	*	0.0	8.7	*
Hip Replacement/Reconstruction	18	0.0	4.6	*	16.7	8.7	*	16.7	11.4	*
Open Reduction of Hip Fracture	16	0.0	5.9	*	0.0	11.2	*	12.5	14.7	*
Prostatectomy	49	2.0	1.0	*	4.1	2.5	*	6.1	4.1	*
Cholecystectomy	37	0.0	4.8	*	2.7	8.1	*	5.4	10.0	*
Hysterectomy	10	0.0	1.5	*	0.0	2.9	*	0.0	4.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,642	8.7	8.9	0.8	14.2	13.6	1.0	17.3	17.4	1.0
CONDITIONS:										
Acute Myocardial Infarction	46	34.8	27.0	*	37.0	30.5	*	39.1	34.1	*
Congestive Heart Failure	116	19.8	16.4	5.2	29.3	24.8	6.6	33.6	31.6	4.6
Pneumonia/Influenza	37	13.5	14.8	*	21.6	20.1	*	21.6	24.4	*
Chronic Obstructive Pulmonary Disease	10	0.0	11.1	*	0.0	17.2	*	0.0	22.6	*
Transient Cerebral Ischemia	43	0.0	2.0	*	2.3	4.2	*	4.7	6.7	*
Stroke	68	17.6	19.9	5.6	27.9	27.6	5.8	35.3	32.3	6.7
Hip Fracture	20	10.0	5.9	*	10.0	11.1	*	10.0	14.7	*
Sepsis	26	23.1	27.7	*	26.9	36.8	*	34.6	43.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	0.0	2.7	*	0.0	5.5	*	0.0	8.1	*
Carotid Endarterectomy	5	0.0	1.3	*	0.0	2.5	*	0.0	3.6	*
Hip Replacement/Reconstruction	19	5.3	3.3	*	15.8	6.4	*	15.8	8.7	*
Open Reduction of Hip Fracture	8	25.0	7.6	*	25.0	15.7	*	25.0	21.5	*
Prostatectomy	60	3.3	0.9	2.4	3.3	2.2	2.4	5.0	3.8	2.9
Cholecystectomy	35	2.9	1.8	*	8.6	3.5	*	8.6	5.0	*
Hysterectomy	17	0.0	1.1	*	0.0	2.5	*	0.0	3.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WOOD RIVER TOWNSHIP HOSPITAL

Edwardsville Road
Wood River, IL 62095

Medicare Provider Number: 140070

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	400	7.7	9.0	6.2	12.2	13.0	5.3	15.5	16.2	5.6
CONDITIONS:										
Acute Myocardial Infarction	12	25.0	27.7	*	25.0	30.4	*	25.0	33.7	*
Congestive Heart Failure	21	9.5	15.9	*	19.0	24.0	*	33.3	30.9	*
Pneumonia/Influenza	11	0.0	10.7	*	0.0	15.3	*	0.0	18.9	*
Chronic Obstructive Pulmonary Disease	5	20.0	11.6	*	20.0	18.7	*	20.0	24.5	*
Transient Cerebral Ischemia	6	16.7	1.6	*	16.7	3.4	*	16.7	5.3	*
Stroke	10	40.0	22.2	*	60.0	29.4	*	70.0	34.0	*
Hip Fracture	4	0.0	4.2	*	0.0	8.0	*	25.0	10.9	*
Sepsis	5	20.0	25.2	*	40.0	32.1	*	40.0	38.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	4.2	*	0.0	8.8	*	0.0	13.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	3.0	*	0.0	6.1	*	25.0	8.4	*
Open Reduction of Hip Fracture	1	0.0	3.8	*	0.0	7.2	*	0.0	9.8	*
Prostatectomy	16	6.3	1.7	*	6.3	3.9	*	12.5	6.1	*
Cholecystectomy	10	0.0	3.4	*	20.0	6.6	*	20.0	9.1	*
Hysterectomy	5	0.0	1.5	*	0.0	3.6	*	0.0	5.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	131
Occupancy Rate	46
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	34
Percent of Physicians Board Certified Specialists	53
Medical Residents/Interns	0
Registered Nurses	79
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

WOOD RIVER TOWNSHIP HOSPITAL

Medicare Provider Number: 140070

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	492	11.8	9.3	2.0	16.3	13.2	2.4	19.1	16.3	2.9
CONDITIONS:										
Acute Myocardial Infarction	14	28.6	27.2	*	28.6	29.9	*	28.6	33.0	*
Congestive Heart Failure	25	24.0	14.2	*	32.0	21.2	*	40.0	27.4	*
Pneumonia/Influenza	25	8.0	15.5	*	20.0	21.3	*	24.0	25.7	*
Chronic Obstructive Pulmonary Disease	2	0.0	12.6	*	0.0	19.2	*	0.0	24.2	*
Transient Cerebral Ischemia	7	14.3	2.3	*	14.3	5.0	*	28.6	7.8	*
Stroke	20	30.0	23.1	*	35.0	29.8	*	35.0	34.7	*
Hip Fracture	14	21.4	5.6	*	21.4	10.1	*	21.4	13.2	*
Sepsis	4	25.0	27.7	*	25.0	39.5	*	25.0	46.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.2	*	0.0	2.4	*	0.0	3.5	*
Carotid Endarterectomy	1	0.0	1.6	*	0.0	3.1	*	0.0	4.6	*
Hip Replacement/Reconstruction	5	20.0	4.6	*	20.0	9.0	*	20.0	12.0	*
Open Reduction of Hip Fracture	6	16.7	5.3	*	16.7	10.2	*	16.7	13.5	*
Prostatectomy	32	0.0	0.8	*	0.0	2.1	*	6.3	3.7	*
Cholecystectomy	12	0.0	2.3	*	0.0	3.8	*	0.0	4.7	*
Hysterectomy	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	533	12.2	10.6	1.9	19.7	15.2	4.5	22.9	18.7	3.5
CONDITIONS:										
Acute Myocardial Infarction	17	35.3	31.7	*	47.1	35.3	*	47.1	38.4	*
Congestive Heart Failure	29	24.1	13.2	*	44.8	19.8	*	48.3	25.7	*
Pneumonia/Influenza	17	29.4	17.4	*	35.3	23.1	*	41.2	27.5	*
Chronic Obstructive Pulmonary Disease	4	0.0	9.4	*	25.0	16.8	*	25.0	23.9	*
Transient Cerebral Ischemia	10	0.0	2.0	*	0.0	4.1	*	0.0	6.4	*
Stroke	19	36.8	28.1	*	47.4	35.5	*	47.4	40.5	*
Hip Fracture	18	22.2	7.4	*	38.9	13.5	*	38.9	17.5	*
Sepsis	4	25.0	25.2	*	25.0	33.7	*	25.0	39.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	100.0	4.7	*	100.0	7.6	*	100.0	9.6	*
Carotid Endarterectomy	5	0.0	1.3	*	0.0	2.2	*	20.0	3.2	*
Hip Replacement/Reconstruction	18	16.7	4.3	*	27.8	8.4	*	27.8	11.5	*
Open Reduction of Hip Fracture	7	14.3	6.1	*	14.3	11.4	*	14.3	14.9	*
Prostatectomy	22	4.5	0.9	*	9.1	2.1	*	13.6	3.6	*
Cholecystectomy	16	6.3	3.6	*	6.3	6.4	*	6.3	8.0	*
Hysterectomy	5	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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January 15, 1991

451.2

WOOD RIVER
TOWNSHIP
HOSPITAL

Mrs. Sandra K. Kappert
Health Standards and Quality Bureau
Health Care Financing Administration
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

By way of this letter, we are responding to the mortality data which was published for Wood River Township Hospital on September 15, 1989. There are several issues which must be kept in mind while comparing this data with other hospitals.

1) Wood River Township Hospital population is largely medicare.

2) Medicare patients have a very high severity of illness. (Meeting the admission criteria for medicare.) Majority of these patients had multiple conditions which made it difficult to classify in one category the cause of death.

3) Our hospital assures quality of care is given to all individuals by reviewing concurrently as well as retrospectively.

4) All cases resulted in death which was inevitable due to the severity of illness.

In summary Wood River Township Hospital mortality rate fell within the predicted range for all diagnostic categories. However, it remains imperative to inform the general public of the hospital's percentage rate of Medicare patients, and severity of primary diagnosis plus other co-mobitities. Especially since this portion of the population have a different mortality rate than do non-medicare patients.

Thank you for allowing us this opportunity to respond.

Sincerely,

Jerry L. Bolandis

Jerry L. Bolandis,
President

dkc

Edwardsville Road • Wood River, Illinois 62095 • 618/254-3821 • FAX 618/254-1970

Technical Appendix

TECHNICAL APPENDIX

Data Sources

The data analyzed in this report are obtained from the MEDPAR file, which contains summary information on the hospitalizations of Medicare beneficiaries. The principal sources of data for this file are the bills (known as HCFA-1450 or UB-82) submitted by the hospitals to HCFA through fiscal intermediaries. The MEDPAR file also contains data about the beneficiaries, such as age, sex and date of death, which are obtained from the Social Security Administration or the Railroad Retirement Board.

Hospitalizations with discharges in fiscal years 1987, 1988 and 1989 were used in these analyses. Hospitalizations in 1986 were used only to characterize the prior admissions of the patients in the 1987 cohort. Only acute-care hospitalizations in short-term (general and specialty) hospitals were selected. These hospitals have a "0" in the third position of their Medicare provider number. Hospitalizations in special cost centers, designated by a "9" in the fourth position of the provider number, and hospitalizations in psychiatric units, rehabilitation units, swing-beds and alcohol/drug units, with "special unit codes" of S, T, U and V, respectively, in the third position were excluded.

The Mortality Model

For each beneficiary in each year one hospitalization was selected at random. Choosing a specific hospitalization is necessary to avoid multiple counting of the same death for that year. Selecting a random hospitalization instead of the first or last in the year produces mortality rates that are more representative of the rates that a hospital might calculate for its patients. Also, the mortality rates based on this random selection process reflect an intermediate position between the rates produced by the alternatives.

The selected hospitalizations were then segregated by analytical category and analyzed separately. The analytic categories were created by grouping ICD-9-CM diagnosis codes that had similar raw mortality rates and clinical definitions. The groupings fall into five risk levels: low, average, moderately severe, very severe and catastrophic. Within these risk levels, codes are further grouped based on clinical similarities. The analytic categories and the groups of ICD-9-CM diagnosis codes that defined them are listed in Table A-1.

The mortality experience of the patients was evaluated as a function of time within 182 days of the admission. The factors included in the mortality model used to evaluate the patients' probability of death are given in Table A-2. They consist of demographic characteristics (age and sex), major comorbidities (chronic diseases likely to have been present at admission and believed to complicate management and increase the likelihood of an adverse outcome), prior admissions (grouped into five risk or severity levels) within the six months preceding the admission evaluated, admission type (emergent, elective, etc.), and admission source (referral from the physician's office, the nursing facility, etc.). The specific reason for the admission (the principal diagnosis) and the performance of selected surgical procedures were additional factors used in the estimation of the predicted probability of death (see below).

The observed mortality rate for a hospital was calculated by means of the lifetable method ("The LIFETEST Procedure", Chapter 22, SAS User's Guide: Statistics, Version 5 Edition, pages 529-557).

Analytic Techniques

A time-to-event or survival model with explanatory or concomitant variables was used to ascertain the influence of the patient characteristics listed above on the probability of death. A feature of such a model is allowance for “right censored” observations. Generally, these are events or outcomes which would have occurred but for some interference that prevents further observation. In the present analysis, “right censoring” occurs when a patient is withdrawn alive from the study at the end of the followup period of 182 days.

The survival function, S(t), is one of several equivalent ways of expressing the model. Another form uses the cumulative distribution function or the mortality function,

$$F(t) = 1 - S(t).$$

Another useful formulation of these models is the hazard function, also known as the force of mortality or risk function. The hazard is the rate of decrease in the number of survivors relative to the number of survivors at a specific time. Mathematically, the hazard function is:

$$h(t) = -\frac{1}{S(t)}\frac{dS(t)}{dt} = -\frac{d\ln(S(t))}{dt}.$$

The probability density function commonly used in statistical texts can be expressed as follows:

$$f(t) = \frac{dF(t)}{dt} = h(t)S(t).$$

The area under the survival curve is the expected value for t. In some cases the area under the survival curve is restricted to an interval 0-t_1 where t_1 might be one year, for example.

The specific time-to-event or survival model used in the present analysis is Bailey's modification of the Makeham model. The survival function for the Bailey-Makeham model is:

$$S(t) = \exp\left\{-\delta t - \left(\frac{\alpha}{\gamma}\right)(1 - \exp(-\gamma t))\right\}$$

where

$$\alpha = \exp(\alpha_0 + \alpha_1 x_1 + \ldots + \alpha_i x_i + \ldots + \alpha_k x_k)$$
$$\gamma = \exp(\gamma_0 + \gamma_1 g_1 + \ldots + \gamma_i x_i + \ldots + \gamma_k x_k)$$
$$\delta = \exp(\delta_0 + \delta_1 x_1 + \ldots + \delta_i x_i + \ldots + \delta_k x_k)$$

are the expressions for each of the structural parameters α, γ, and δ in terms of the k concomitant variables x_i and their associated component parameters α_i, γ_i, and δ_i for $i=1,2,\ldots, k$ and three intercepts or component parameters α_0, γ_0, and δ_0. The structural parameter δ is the long-term risk which is approached as $t \rightarrow \infty$. The structural parameter is the initial excess risk which decays with rate constant γ.

For the survival function given above, the risk or hazard function has an especially tractable form of an exponential decay which approaches a long-term risk, δ. The hazard function corresponding to the survival function above is

$$h(t) = \alpha \exp(-\gamma t) + \delta .$$

The estimation of the component parameters was carried out in a series of steps in which those covariates which had estimable and statistically significant ($p<0.05$) influences of the probability of death were identified for inclusion in the model. As the model for each of the 17 risk categories was estimated separately, different lists of covariates were used for the final core models.

This first step was followed by the estimation of the additional contribution of specific principal diagnoses in each risk category. In these analyses, the effects of the patient characteristics included in the core models were corrected for. Only those principal diagnoses were retained which were estimable and had more than 1,000 cases or a statistically significant effect at the $p<0.01$ level when the number of cases was less than 1,000. Similarly, after adjustment for the effects of both the variables in the core model and the principal diagnoses, correction terms were calculated to estimate the additional information about the probability of death associated with the categorization of the patients into the clinical groups used for the presentation of the data in the mortality tables (see below). These correction terms were negligible for the medical categories but substantial for the surgical categories.

Once the component parameters or regression coefficients α_i, γ_i, and δ_i have been estimated, the predicted probability of patient death at any specified time after admission, 1-S(t), may be calculated for all individuals. To obtain the predicted mortality rate up to a given time for a hospital, it is then only necessary to average over the predicted probabilities of death of its patients to that time.

The analytic categories are useful for grouping the patients into relatively risk homogeneous strata for the regressions. However, to gain insights into patterns of practice at hospitals, the data are presented for patients grouped into clinically meaningful medical and surgical categories. The 17 clinical categories used in the mortality tables were identified by the Institute of Medicine as being of particular medical and epidemiologic interest.

Estimation of the Standard Deviation for Predicted Mortality

The standard deviation of the predicted mortality rate is used to assess how meaningfully different the observed mortality rate is from the rate predicted by the national experience with like patients. The standard deviation depends, in fact, on the variance of the residual or the difference between the observed, P, and predicted, $\hat{\Theta}$, mortality rates.

The residual has four components V_1, V_2, V_3, and V_4 where V_1 is the variance of the estimate of the predicted probability of death. This computationally intensive term was negligible for nearly all cases, compared to other components of variance. Consequently, this term was not included the present analysis.

V_2 is the binomial variance for n patients.

$$V_2 = \frac{\hat{\Theta}\left(1 - \hat{\Theta}\right)}{n} .$$

V_3 is the variation among hospitals not explained by the mortality regression models containing the patient characteristics described above.

$$V_3 = \widehat{\mathrm{Var}\left(\Theta\right)} = \left(1 - \frac{1}{n}\right) \widehat{M_2\left(\Theta\right)}$$

where

$$\widehat{M_2(\Theta)} = \left\{ \left(\begin{array}{c} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics and} \\ \text{adjustment for hospital effects} \end{array} \right) - \left(\begin{array}{c} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics,} \\ \text{but omitting the hospital specific effects} \end{array} \right) \right\}^2 \left(\frac{1}{z_p^2} \right)$$

The quantity z_p corresponds to the statistical significance (p-value) of the hospital specific effect.

V4 is the variation not explained by the mortality regression models which each include, in addition, an indicator variable for the hospital:

$$V_4 = \left\{ \left(\text{Observed mortality}\right) - \left(\begin{array}{c} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics, and} \\ \text{adjustment for the hospital specific effects} \end{array} \right) \right\}^2 .$$

(The regression coefficients of the indicator variable for the hospital are a measure of the influence on the probability of patient death of factors not otherwise specified in the model. These factors include severity of illness not adequately reported on by the patient characteristics deduced from the claims data and the hospital's pattern of practice; i.e., performance.)

The standard deviation given in the mortality tables is just:

$$SD = \sqrt{V_2 + V_3 + V_4}.$$

Measures of Uncertainty

In principle, to use the standard normal approximations to determine prediction intervals, an adjustment must be applied for the skewness and kurtosis inherent in a mortality rate when the rate is considerably less than 50 percent and the number of cases is small. Table A-3 presents the multiplicative factors, based on the binomial distribution, for the standard deviation needed to construct prediction intervals for the mortality rates at confidence levels ranging from 75 percent to 99 percent. Because of the approximations involved in the estimation of the skewness and kurtosis corrections, their precision decreases as the number of cases and the mortality rate decrease; i.e., as the value of the correction increases. In addition, because of simplifications and approximations in the estimation of the standard deviation, the precision of the multiplicative factors given in Table A-3 exceeds the precision of the estimate of the standard deviation. Hence, the rule-of-thumb given at the front of this Appendix represents an adequate approximation to the factors in Table A-3 and an adequate guide to the meaningfulness of the difference between the observed and the predicted mortality rates.

To illustrate the use of Table A-3, consider a hospital with 75 cases and a predicted mortality of 13.0 percent with a standard deviation of 5.0 percent. Overall, for hospitals with patients with characteristics similar to those of this hospital, we would expect the actual or observed mortality rate to lie, 95 percent of the time, either between 13.0 percent and 22.9 percent, if the actual is larger than the predicted, or between 3.3 percent and 13.0 percent, if the actual is less than the predicted. That is because 22.9 percent = 13.0 percent + 1.98 x 5.0 percent, the factor 1.98 having been read from the section of Table A-3 with the heading "95% Prediction Interval" and "Factor for Upper Bound", the row "75" for the number of cases, and by interpolation between the "10%" and the "20%" predicted mortality rate columns. Similarly, 3.3 percent = 13.0 percent - 1.94 x 5.0 percent, the factor -1.94 having been read from the section of Table A-3 with the heading "95% Prediction Interval" and "Factor for Lower Bound" and the corresponding row and columns.

On the other hand, 75 percent of the time, the observed mortality rate will lie either between 13 percent and 18.8 percent (13.0 percent + 1.15 x 5.0 percent) if the observed rate is higher than the predicted, or between 7.3 percent (13.0 percent - 1.15 x 5.0 percent) and 13.0 percent if it is lower.

Therefore, in comparing the actual and predicted rates, more attention should be given to the hospital whose observed mortality rate lies beyond the bounds calculated for the 99 percent prediction interval than to the hospital whose observed mortality rate lies only beyond the bounds calculated for the 95 percent prediction interval. In turn, more attention should be given to that hospital than to the hospital whose observed mortality rate lies only beyond the bounds calculated for the 75 percent prediction interval.

Table A-1

ANALYTICAL DIAGNOSTIC CATEGORIES

CATEGORY	ICD-9-CM CODES
1. Low risk cardiopulmonary and circulatory disorders	390, 393, 401, 402.00, 402.10, 402.90, 405, 411 (except 411.0), 413-414, 417-420, 422, 425.1, 426.1-426.7, 426.81, 427.0, 427.2-427.3, 427.6, 427.8-427.9, 429.4, 433 (except 433.0), 435, 437.2, 442 (except 442.2), 447 (except 447.2), 448, 451, 453.1, 453.8-453.9, 454-455, 456.3-456.6, 457.0-457.1, 457.9, 458.0, 460-478, 487 (except 487.0), 490-491, 493-495, 511.0, 518.2, 519.0-519.1
2. Low risk injuries and poisonings	800.0, 800.5, 801.0, 801.5, 802, 805 (except 805.0), 806 (except 806.0), 807 (except 807.0 and 807.4), 807.00-807.06, 808-819, 822-838, 839 (except 839.0), 840-848, 850, 854.0 (except 854.05), 861.2, 862, 867 (except 867.0 and 867.2), 870-874, 875.0, 876-887, 890-897, 905-932, 933.0, 935-940, 942 (except 942.3), 943-945, 947, 949-957, 958 (except 958.4), 959-963, 965.1, 965.5-965.7, 965.9, 966, 969-971, 972 (except 972.1), 973, 974 (except 974.1), 975 (except 975.7), 977-981, 984-986, 988, 992-993, 994 (except 994.1 and 994.7), 995, 996.0 (except 996.02), 996.2, 996.4-996.5, 996.7-996.9, 997.9, 998 (except 998.2)
3. Low risk gastrointestinal and endocrine disorders	240-246, 250.0, 250.5-250.6, 250.8, 250.9, 252, 254, 255 (except 255.4), 256-258, 264-272, 274, 276.3, 276.8, 279 (except 279.1), 520-527, 528.2, 528.4, 528.6-528.9, 529, 530 (except 530.4 and 530.8), 531.3, 531.7-531.9, 532.3, 532.7-532.9, 533.3, 533.7-533.9, 534.3, 534.7-534.9, 535-536, 537.1-537.2, 537.5-537.6, 537.8-537.9 (except 537.89), 540-543, 550, 552-556, 558 (except 558.2), 562-566, 568, 569.0-569.2, 569.4-569.6, 569.9, 571.8-571.9, 574 (only when 5th digit = 0), 575 (except 575.4 and 575.8), 576.0, 576.9, 577.1, 577.9, 579

Table A-1: Analytic Diagnostic Categories

4. Low risk genitourinary and reproductive disorders	582-583, 588-589, 590.1, 590.8-590.9, 592, 594-595, 596 (except 596.1 and 596.6), 597-598, 599 (except 599.0 and 599.6), 600-606, 607 (except 607.2), 608 (except 608.4), 610-618, 619 (except 619.1), 620-629, 630-648, 650-676
5. Low risk neuropsychiatric, sensory and musculoskeletal disorders	290-292, 293 (except 293.0), 294-309, 311-319, 330, 331 (except 331.0), 332-334, 337, 340, 342-343, 344 (except 344.0 and 344.1), 345 (except 345.3), 346-347, 348.0, 350-358, 360-389, 680-686, 690-698, 700-706, 707 (except 707.0), 708-709, 710 (except 710.1), 711-713, 714 (except 714.81), 715-739
6. Other low risk disorders	E-CODE, M-CODE, V01-V09, V11-V65 (except V58.0 and V58.8), V67-V82, 001-005, 007-009, 014-017, 020-026, 027 (except 027.0), 030, 032-033, 035, 037, 039, 041.0-041.2, 045, 049.8-049.9, 050-053, 055-057, 071-088, 090-111, 120-135, 137-139, 140, 143, 173-175, 180.0-180.1, 182, 188 (except 188.8 and 188.9), 190, 192 (except 192.2), 210-211, 212 (except 212.7), 213-224, 226-230, 231 (except 231.2), 232-236, 239.4-239.5, 239.9, 280 (except 280.0), 282, 740-744, 746-759, 780 (except 780.0), 781, 782.0-782.2, 782.6, 782.8-782.9, 783.1, 783.5-783.9, 784 (except 784.3 and 784.5), 785 (except 785.4 and 785.5), 786.2, 786.4-786.5, 786.7-786.9, 787 (except 787.2), 788.0-788.1, 788.3-788.4, 788.6-788.7, 789 (except 789.5), 790 (except 790.6 and 790.7), 793-796
7. Average risk disorders	V10, V58.0, V58.8, 006, 010 -013, 031, 034, 041.3-041.9, 070.1, 070.3, 070.5, 070.9, 114-115, 136 (except 136.3), 142, 144-146, 152-154, 160-161, 162.0, 165, 170, 171.0, 171.2-171.4, 171.6-171.7, 172 (except 172.8), 180.8, 181, 184-187, 188.8-188.9, 189 (except 189.0), 193-194, 196.0, 196.3, 196.5-196.6, 196.9, 197.3, 198.2, 225,

Table A-1: Analytic Diagnostic Categories

7.	Average risk disorders (continued)	238, 239.0-239.3, 239.7-239.8, 250.1, 250.4, 250.7, 251, 253, 255.4, 259, 275 (except 275.4), 276.1, 276.6-276.7, 276.9, 277 (except 277.3), 278, 280.0, 281, 283, 285, 286 (except 286.6), 287-289, 293.0, 310, 322-326, 331.0, 336, 344.0-344.1, 345.3, 349, 359, 391-392, 394-396, 398 (except 398.91), 402.01, 402.11, 402.91, 403-404, 410.7, 411.0, 412, 423.8-423.9, 424, 425.5, 425.7-425.9, 426.0, 426.9, 427.1, 429.0-429.3, 437 (except 437.2), 438, 440, 441.4, 441.9, 443, 444 (except 444.1), 446, 456.1, 456.21, 456.8, 457.2, 457.8, 459 (except 459.0 and 459.2), 480, 482.2, 483-484, 487.0, 492, 496, 506, 508 (except 508.0), 518.3, 518.8, 519.4, 519.8-519.9, 528.0-528.1, 528.3, 528.5, 531.0, 531.4, 532.0, 532.4, 533.0, 533.4, 534.0, 534.4, 537.0, 537.3-537.4, 537.89, 557 (except 557.0), 560.1, 560.3, 560.80-560.81, 560.9, 569.3, 569.8 (except 569.83), 571.0-571.1, 571.3-571.4, 572.0-572.1, 573, 574 (only when 5th digit = 1), 575.4, 575.8, 576.1-576.5, 577.0, 577.2, 577.8, 578 (except 578.0), 580-581, 587, 590.0, 590.2- 590.3, 591, 593, 596.1, 596.6, 599.0, 599.6, 607.2, 608.4, 619.1, 714.81, 745, 782.3, 783.0, 783.2, 784.3, 784.5, 786.0-786.1, 786.3, 786.6, 787.2, 788.2, 788.5, 788.8-788.9, 790.6-790.7, 791-792, 798, 799.8-799.9, 803.0, 803.5, 805.0, 807.07-807.09, 820-821, 839.0, 860, 863, 865-866, 867.0, 867.2, 900, 903-904, 934.0-934.1, 941, 942.3, 946.0-946.2, 948.0-948.3, 964, 965.0, 965.4, 965.8, 967-968, 972.1, 974.1, 975.7, 976, 982-983, 987, 989, 996.1, 996.3, 996.6, 997 (except 997.9), 998.2, 999
8.	Moderately severe cardiopulmonary and circulatory disorders	398.91, 415-416, 425.0, 425.2-425.4, 426.89, 428, 429.5-429.9, 432.1, 434, 436, 441.2, 442.2, 452, 453.0, 453.2-453.3, 458 (except 458.0), 459.0, 459.2, 481, 482.3, 482.9, 485-486, 500-505, 510.9, 511 (except 511.0), 512.8, 513-515, 517, 518.0-518.1, 518.4, 519.2-519.3
9.	Moderately severe gastrointestinal and endocrine disorders	273, 276.5, 277.3, 530.4, 530.8, 551, 558.2, 560.0, 560.2, 560.89, 567, 572.3, 578.0

Table A-1: Analytic Diagnostic Categories

10. Moderately severe neoplastic diseases	141, 147-149, 158, 162.3-162.5, 179, 180.9, 183, 189.0, 191, 192.2, 198.1, 198.6-198.7, 198.82, 200-202, 207 (except 207.0), 212.7, 237, 239.6
11. Other moderately severe disorders	V66, 038.42, 040, 047-048, 049.0-049.1, 054, 060-066, 284, 335, 341, 348.3-348.4, 348.8-348.9, 585, 707.0, 710.1, 782.4-782.5, 782.7, 783.4, 785.4, 789.5, 797, 799.0, 799.2-799.4, 804, 806.0, 807.4, 851.0, 851.2, 851.4, 851.6, 851.8, 852.0, (except 852.05), 852.1 (except 852.15), 852.2 (except 852.25), 852.4-852.5, 853.0 (except 853.05), 853.1 (except 853.15), 861 (except 861.2), 864.0 (except 864.04), 864.1 (except 864.14), 933.1, 990, 996.02
12. Very severe cardiopulmonary and circulatory disorders	397, 410 (except 410.7), 421, 423.0-423.2, 433.0, 447.2, 456.0, 456.20, 482.0-482.1, 482.4, 482.8, 507, 508.0, 510.0, 512.0, 516, 518.5
13. Very severe gastrointestinal and endocrine disorders	250.2-250.3, 260-263, 275.4, 276.0, 276.2, 276.4, 279.1, 531.1-531.2, 531.5-531.6, 532.1-532.2, 532.5-532.6, 533.1-533.2, 533.5-533.6, 534.1-534.2, 534.5-534.6, 569.83, 571.2, 571.5-571.6, 572.2, 576.8
14. Very severe infectious disorders	018, 027.0, 036, 038 (except 038.42), 042-044, 046, 112, 116-118, 136.3
15. Very severe neoplastic diseases	150-151, 156-157, 159, 162.2, 162.8-162.9, 163-164, 171.5, 171.8-171.9, 195, 196.1-196.2, 196.8, 197.0-197.2, 197.4-197.6, 197.8, 198.0, 198.3-198.5, 198.81, 198.89, 203, 204 (except 204.0), 205 (except 205.0), 207.0, 208 (except 208.0), 231.2
16. Other very severe disorders	320-321, 348.2, 348.5, 584, 586, 760-779, 780.0, 783.3, 799.1, 800 (except 800.0 and 800.5), 801 (except 801.0 and 801.5), 854.05, 854.1, 868-869, 875.1, 934.8-934.9, 946.3-946.5, 958.4, 991, 994.1, 994.7

Table A-1: Analytic Diagnostic Categories

17. Catastrophic disorders	070.0, 070.2, 070.4, 070.6, 155, 172.8, 197.7, 199, 204.0, 205.0, 206, 208.0, 286.6, 348.1, 427.4-427.5, 430-431, 432 (except viral 432.1), 441.0-441.1, 441.3, 441.5, 444.1, 557.0, 570, 572.4, 572.8, 785.5, 803 (except 803.0 and 803.5), 851.1, 851.3, 851.5, 851.7, 851.9, 852.05, 852.15, 852.25, 852.3, 853.05, 853.15, 864.04, 864.14, 901-902, 948.4-948.9

Table A-2

EXPLANATORY VARIABLES FOR THE MORTALITY MODEL

Generally the same variables are used for all diagnostic categories.

DEMOGRAPHICS

$$AGESP = \text{sign}\,(W\text{-}65)\left(\left|\frac{W\text{-}65}{65}\right|\right)^{1.72}$$

where

$$W = \left\{ \begin{array}{c} 23 \text{ if } AGE \leq 23 \\ AGE \text{ if } 23 < AGE < 100 \\ 100 \text{ if } 100 \leq AGE \end{array} \right\}$$

SX	An indicator variable: = 1 if Female and 0 otherwise.

COMORBIDITIES (Indicator variables = 1 if comorbidity present and 0 otherwise)

		ICD-9-CM Codes
CCA	Cancer	141-160.9, 162-172.9, 174-208.9)
CCV	Chronic cardiovascular disease	412-414.9, 426-429.1)
CLV	Chronic liver disease	571-572.8)
CRN	Chronic renal disease	582-583.9, 585-587)

ADMISSION SOURCES AND TYPES (Indicator variables = 1 if source or type present and 0 otherwise)

PHRF	Patient referred by personal or HMO physician.
TRSNF	Patient transferred from skilled nursing facility.
ELCT	Patient admitted for elective procedure.
EMRG	Patient admitted for emergency.

PREVIOUS HOSPITALIZATIONS

PALR	Number at low risk, with 5 or more set to 5.
PAAR	Number at average risk, with 3 or more set to 3.
PAMSR	Number at moderately severe risk, with 3 or more set to 3.
PAVSR	Number at very severe risk, with 2 or more set to 2.
PACR	Number at catastrophic risk, with 1or more set to 1.

TABLE A-3: MULTIPLICATIVE FACTORS FOR THE CALCULATION OF THE BOUNDS FOR PREDICTION INTERVALS

(n is the number of cases at your hospital and p is the predicted mortality rate.)

	99% Prediction Interval					95% Prediction Interval					75% Prediction Interval				
	Factor for Upper Bound					Factor for Upper Bound					Factor for Upper Bound				
p n	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%
25	2.95	2.73	2.68	2.63	2.59	2.15	2.04	2.01	1.99	1.97	1.17	1.16	1.16	1.15	1.15
50	2.76	2.65	2.63	2.60	2.58	2.05	2.00	1.99	1.97	1.96	1.16	1.15	1.15	1.15	1.15
75	2.70	2.63	2.61	2.59	2.58	2.02	1.99	1.98	1.97	1.96	1.16	1.15	1.15	1.15	1.15
100	2.67	2.61	2.60	2.59	2.58	2.01	1.98	1.97	1.97	1.96	1.16	1.15	1.15	1.15	1.15
150	2.64	2.60	2.59	2.59	2.58	1.99	1.97	1.97	1.96	1.96	1.15	1.15	1.15	1.15	1.15
200	2.62	2.60	2.59	2.58	2.58	1.98	1.97	1.97	1.96	1.96	1.15	1.15	1.15	1.15	1.15
300	2.61	2.59	2.58	2.58	2.58	1.98	1.97	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
400	2.60	2.59	2.58	2.58	2.58	1.97	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
500	2.59	2.58	2.58	2.58	2.58	1.97	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
750	2.59	2.58	2.58	2.58	2.58	1.97	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
1000	2.59	2.58	2.58	2.58	2.58	1.96	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
2000	2.58	2.58	2.58	2.58	2.58	1.96	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
5000	2.58	2.58	2.58	2.58	2.58	1.96	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15

	Factor for Lower Bound					Factor for Lower Bound					Factor for Lower Bound				
p n	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%
25	-2.21	-2.42	-2.48	-2.52	-2.56	-1.77	-1.88	-1.91	-1.93	-1.95	-1.13	-1.14	-1.14	-1.15	-1.15
50	-2.39	-2.50	-2.53	-2.55	-2.57	-1.87	-1.92	-1.93	-1.95	-1.96	-1.14	-1.15	-1.15	-1.15	-1.15
75	-2.45	-2.52	-2.54	-2.56	-2.57	-1.90	-1.93	-1.94	-1.95	-1.96	-1.14	-1.15	-1.15	-1.15	-1.15
100	-2.48	-2.54	-2.55	-2.56	-2.57	-1.91	-1.94	-1.95	-1.95	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
150	-2.51	-2.55	-2.56	-2.57	-2.57	-1.93	-1.95	-1.95	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
200	-2.53	-2.56	-2.56	-2.57	-2.57	-1.94	-1.95	-1.95	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
300	-2.54	-2.56	-2.57	-2.57	-2.57	-1.94	-1.95	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
400	-2.55	-2.57	-2.57	-2.57	-2.57	-1.95	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
500	-2.56	-2.57	-2.57	-2.57	-2.58	-1.95	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
750	-2.56	-2.57	-2.57	-2.57	-2.58	-1.95	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
1000	-2.57	-2.57	-2.57	-2.57	-2.58	-1.96	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
2000	-2.57	-2.57	-2.57	-2.58	-2.58	-1.96	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
5000	-2.57	-2.58	-2.58	-2.58	-2.58	-1.96	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15

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